Marked Sample 431

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	"Tar" mg/cig	"Nicotine" mg/cig	CO mg/cig
Brand	mg/ cig		
		4.44.0.00	466.00
*Alpine KFMSP	17.1±0.2	1.14±0.02	16.5 ± 0.2
American Lights KFSP		0.91 ± 0.02	12.9±0.3
American Lights 100's 100FSP	13.3±0.2	1.08 ± 0.01	13.9±0.2
Belair KFMSP	10.7±0.2	0.84 ± 0.01	9.8±0.2
Belair 100's 100FMSP	8.8±0.2	0.67 ± 0.02	9.1 ± 0.2
Benson & Hedges KFHP	15.4±0.2	1.26±0.02	12.6 ± 0.3
*Benson & Hedges 100's 100FHP	17.3±0.2	1.20 ± 0.03	17.0±0.4
*Benson & Hedges 100's 100FMHP	17.4±0.2	1.22 ± 0.01	17.2±0.3
*Benson & Hedges 100's 100FSP	17.3 \pm 0.2	1.22±0.02	16.4±0.4
*Benson & Hedges 100's 100FMSP	17.1±0.2	1.20 ± 0.02	16.4±0.3
Benson & Hedges Deluxe Ultra Lights 100's 100FHI	2 5.0±0.2	0.44 ± 0.02	6.2±0.3
Benson & Hedges Deluxe Ultra Lights 100's 100FM	HP 5.2±0.1	0.47 ± 0.01	6.2±0.2
Benson & Hedges Lights 100's 100FSP	10.7±0.2	0.83 ± 0.02	13.0 ± 0.3
Benson & Hedges Lights 100's 100FMSP	10.7 ± 0.2	0.81 ± 0.02	12.0 ± 0.2
Benson & Hedges Multifilter KFSP	11.2±0.3	0.85 ± 0.02	10.8 ± 0.2
Bright 100s 100FMSP	6.0±0.1	0.44 ± 0.01	10.3 ± 0.3
Cambridge Full Flavor KFSP	17.1±0.3	1.09 ± 0.01	16.1 ± 0.3
Cambridge Full Flavor 100's 100FSP	17.2±0.3	1.17 ± 0.02	16.0 ± 0.3
Cambridge Lights KFSP	12.3±0.2	0.85 ± 0.01	12.7 ± 0.3
Cambridge Lights KFMSP	11.9±0.2	0.84 ± 0.02	12.1 ± 0.3
Cambridge Lights 100's 100FSP	12.0±0.2	0.87 ± 0.02	14.5 ± 0.4
Cambridge Lights 100's 100FMSP	11.9±0.2	0.86 ± 0.01	14.6±0.4
Cambridge Ultra Low Tar 100's 100FSP	4.7±0.2	0.41 ± 0.01	6.6 ± 0.3
Camel RNFSP	22.0±0.3	1.39 ± 0.02	14.2±0.4
Camel Filters KFHP	16.8±0.2	1.06 ± 0.02	16.6 ± 0.3
Camel Filters KFSP	15.6±0.3	1.01 ± 0.02	15.4 ± 0.2
Camel Filters 100's 100FSP	17.5±0.2	1.06 ± 0.01	18.7 ± 0.3
Camel Lights KFHP	9.9±0.2	0.64 ± 0.01	11.8 ± 0.3
Camel Lights KFSP	8.8±0.2	0.65 ± 0.01	11.3 ± 0.3
Camel Lights 100's 100FSP	11.4+0.2	0.81 ± 0.01	15.0 ± 0.3
Capri 100FHP	9.2±0.2	0.78±0.02	6.4±0.2
Capit 100FMID	89+02	0.73 ± 0.02	6.0 ± 0.2
Capri 100FMHP	< 11.7	< 0.05	<0.5
Carlton KFSP	13+01	0.15±0.01	2.4 ± 0.1
Carlon KFSP	1.3±0.1 0.7±0.1	0.10 ± 0.01	1.1±0.1
Carlton 100's 100FHP Carlton 100's 100FMHP	0.7±0.1	0.10±0.01	1.0±0.1
Carlton 100's 100FMHP	0.0±0.1	0.35±0.01	4.6±0.2
Carlton 100's 100FSP		0.42±0.01	6.4±0.2
Carlton 100's 100FMSP	4.5±0.1	0.42±0.01 0.62±0.02	5.6 ± 0.2
Carlton 120's 120FSP	0.3±0.2	0.62±0.02 0.62±0.03	5.5±0.2
Carlton 120's 120FMSP	6.2±0.2		3.3±0.2 17.8±0.3
Century 25's (25) KFSP	15.3±0.3	0.99±0.02	
Century 25's 100's 100FSP	17.5±0.3	1.13±0.02	20.9±0.5
Century 25's Lights (25) KFSP	9.7±0.2	0.70 ± 0.02	11.8±0.3
Century 25's Lights 100's 100FSP	11.9±0.3	0.89 ± 0.02	13.4 ± 0.3
Century 25's Menthol Lights 100's 100FMSP	11.5±0.2	0.84 ± 0.01	13.2±0.3

^{*}Retested brand

Brand	"Tar" mg/cig	"Nicotine" mg/cig	CO mg/cig
Chesterfield RNFSP		1.30 ± 0.03	13.3 ± 0.4
Chesterfield KNFSP		1.65 ± 0.04	15.3 ± 0.5
Doral Full Flavor KFSP		0.92 ± 0.01	19.6 ± 0.4
Doral Full Flavor 100's 100FSP		0.84 ± 0.01	17.2±0.3
Doral Lights KFSP		0.67 ± 0.02	14.5 ± 0.4
Doral Menthol Lights KFMSP		0.64 ± 0.01	14.0±0.2
Doral Lights 100's 100FSP		0.70 ± 0.02	12.9±0.3
Doral Menthol Lights 100's 100FMSP		0.73 ± 0.01	13.7±0.3
Doral Ultra Lights 100's 100FSP		0.48 ± 0.02	11.7 ± 0.5
English Ovals KNFHP		1.87 ± 0.04	15.6±0.5
Eve Slim Lights 100's 100FHP		1.03 ± 0.02	11.0 ± 0.2
Eve Slim Lights 100's 100FMHP		1.00 ± 0.02	10.8 ± 0.3
Eve Lights 120's 120FHP		1.12 ± 0.03	11.6 ± 0.5
Eve Lights 120's 120FMHP		1.17 ± 0.02	12.0 ± 0.3
Falcon Lights KFSP		0.77 ± 0.02	11.2 ± 0.3
Falcon Lights KFMSP		0.78 ± 0.02	11.9 ± 0.4
Falcon Lights 100's 100FSP		0.85 ± 0.02	14.8 ± 0.4
Falcon Lights 100's 100FMSP		0.73 ± 0.02	11.0 ± 0.3
Harley Davidson KFSP	14.1 ± 0.3	0.98 ± 0.02	16.3 ± 0.4
Herbert Tareyton KNFSP	25.1±0.9	1.58 ± 0.03	17.8 ± 0.4
Kent Golden Lights KFHP	8.8±0.3	0.78 ± 0.02	9.7 ± 0.4
Kent Golden Lights KFSP	8.5±0.2	0.74 ± 0.02	9.6 ± 0.3
Kent Golden Lights KFMSP	8.3±0.3	0.75 ± 0.02	9.1 ± 0.4
Kent Golden Lights 100s 100FHP	10.2±0.2	0.91 ± 0.02	11.2 ± 0.4
Kent Golden Lights 100s 100FSP	9.6±0.3	0.86 ± 0.02	10.5 ± 0.4
Kent Golden Lights 100s 100FMSP	9.3±0.2	0.85 ± 0.02	10.0 ± 0.3
Kent KFHP	11.3±0.2	0.86 ± 0.02	12.9 ± 0.3
Kent KFSP	12.0±0.2	0.88 ± 0.02	13.9 ± 0.3
Kent 100s 100FSP		1.02 ± 0.02	14.7 ± 0.4
Kent 100s 100FMSP	14.0±0.2	1.04 ± 0.01	14.4±0.3
Kent III KFSP		0.35 ± 0.02	4.3 ± 0.2
Kent III 100s 100FHP.		0.50 ± 0.03	6.8 ± 0.3
Kent III 100s 100FSP	4.7±0.2	0.45 ± 0.01	6.6 ± 0.3
Kool RNFMSP		1.36 ± 0.03	14.5 ± 0.2
Kool KFMHP		1.12 ± 0.03	16.4 ± 0.4
Kool KFMSP		1.14 ± 0.02	16.8 ± 0.3
Kool Super Longs 100's 100FMSP	16.7±0.3	1.25 ± 0.02	17.0 ± 0.3
Kool Lights KFMSP	8.2±0.2	0.69 ± 0.02	9.0 ± 0.2
Kool Lights 100's 100FMSP	8.5±0.2	0.73 ± 0.01	10.0 ± 0.3
Kool Milds KFMHP		0.88 ± 0.02	11.3±0.3
Kool Milds KFMSP		0.93 ± 0.02	13.1 ± 0.3
Kool Milds 100's 100FMSP		0.95 ± 0.02	12.6±0.4
Kool Ultra KFMSP		0.21 ± 0.02	2.7±0.2
Kool Ultra 100's 100FMSP		0.45 ± 0.02	5.2±0.3
L & M KFSP		1.08 ± 0.02	12.9 ± 0.3
L & M Super 100 100FSP		1.12 ± 0.02	14.2±0.3
L & M Long Lights 100FSP		0.80 ± 0.02	6.3±0.2
D & 14 Long Lights 1001 of	1.U ÷ V.£	0.00 ± 0.02	0.2 ± 0.5

n .	"Tar" mg/cig	"Nicotine" mg/cig	CO mg/eig
Brand	nig/cig	<u> </u>	1116/ 115
	40.6.00	4.00 + 0.00	10.7±0.3
L & M 30's Lights 100's 100FSP	12.6±0.3	1.06 ± 0.02	10.7±0.3 13.3±0.3
Lark KFSP	14.3±0.3	1.11±0.03	13.3±0.3 14.0±0.2
Lark 100FSP	14.7±0.2	1.22 ± 0.02	14.0±0.2 13.3±0.3
Lark Lights KFSP	13.4±0.3	1.03 ± 0.02	13.5±0.5 14.5±0.5
Lark Light 100's 100FSP	13.9±0.3	1.15 ± 0.03	16.5±0.3
Lucky Strike RNFSP		1.52 ± 0.02	12.8 ± 0.3
Lucky Strike KFHP	12.1±0.2	0.92±0.02	12.6 ± 0.4 12.6 ± 0.3
Lucky Strike KFSP	11.8±0.3	0.89 ± 0.02	12.0±0.3 12.7±0.2
Lucky Strike Filters 100's 100FSP	11.9±0.2	0.96 ± 0.02	12.7±0.2 12.3±0.2
Lucky Strike Menthol 100's 100FMSP	11.8±0.1	0.96±0.02	
Lucky Strike Lights KFSP	8.4±0.3	0.68 ± 0.02	10.2±0.3
Lucky Strike Lights 100's 100FSP	8.9±0.2	0.74±0.01	10.0 ± 0.3
Magna KFHP	14.1±0.3	0.90±0.01	16.3±0.4
Magna KFSP	13.9±0.2	0.91 ± 0.02	14.9±0.2
Magna Lites KFSP	9.1±0.2	0.64±0.01	13.7±0.2
Malibu Filters KFSP	16.4±0.3	1.18±0.03	13.6±0.3
Malibu Menthol KFMSP	17.2±0.2	1.24 ± 0.02	14.8±0.2
Carlton KFMSP	0.6±0.1	0.09 ± 0.01	1.4±0.1
Malibu 100's 100FSP	13.9±0.3	1.10 ± 0.02	13.4±0.3
Malibu Menthol 100's 100FMSP	11.6±0.2	0.94 ± 0.02	12.5 ± 0.3
Malibu Lights KFSP	10.2±0.2	0.79 ± 0.01	10.8 ± 0.3
Malibu Lights 100's 100FSP	9.1±0.2	0.75 ± 0.02	10.6 ± 0.4
Marlboro KFHP	17.0±0.2	1.14 ± 0.02	15.2 ± 0.3
Marlboro KFSP	17.4±0.2	1.17 ± 0.02	16.9 ± 0.4
*Marlboro KFMSP	17.1±0.3	1.18 ± 0.01	15.3 ± 0.2
Marlboro 100's 100FHP	17.0±0.4	1.22 ± 0.03	16.9 ± 0.6
Marlboro 100's 100FSP	17.1±0.3	1.22 ± 0.02	16.5 ± 0.4
Marlboro 25's KFSP	17.2±0.3	1.13 ± 0.02	15.9 ± 0.3
Marlboro Lights KFHP	11.0±0.2	0.82 ± 0.02	12.4 ± 0.3
Marlboro Lights KFMHP	10.2±0.2	0.78 ± 0.02	11.2 ± 0.3
Marlboro Lights KFSP	11.2±0.2	0.83 ± 0.02	12.2 ± 0.3
Marlboro Lights KFMSP	9.9±0.2	0.77 ± 0.01	10.4 ± 0.3
Marlboro Lights 100's 100FHP	10.8±0.2	0.85 ± 0.02	12.3 ± 0.3
Marlboro Lights 100's 100FHMP	10.2±0.2	0.81 ± 0.02	11.2 ± 0.4
Marlboro Lights 100's 100FSP	11.0±0.2	0.85 ± 0.02	13.0 ± 0.4
Marlboro Lights 100's 100 FMSP	10.9±0.1	0.86 ± 0.01	12.0 ± 0.3
Marlboro Lights 25's KFSP	11.2±0.2	0.80 ± 0.02	12.4 ± 0.3
Marlboro 100's Red 100FHP	16.4±0.3	1.19 ± 0.02	16.3 ± 0.4
Marlboro 100's Red 100FSP	16.5±0.2	1.19±0.02	17.0 ± 0.2
Max 120s 120FSP	17 1 + 0.4	1.34 ± 0.03	17.7 ± 0.4
Max 120s 120FMSP		1.38 ± 0.03	17.0 ± 0.5
Merit KFHP	78+02	0.60 ± 0.01	9.8±0.2
Merit KFSP	76+02	0.59 ± 0.01	9.8±0.3
MEH KESE	77+0.2	0.58±0.01	10.0±0.3
Merit KFMSP		0.80±0.02	11.8±0.3
Merit 100's 100FSP	1U.U - U.Z	0,00 ± 0,04	22.0 - 0.0

^{*}Retested brand

Brand	"Tar" mg/cig	"Nicotine" mg/cig	CO mg/cig
Merit 100's 100FMSP	10.1±0.2	0.78 ± 0.02	12.0 ± 0.3
Merit Ultra Lights KFSP	4.4±0.2	0.43 ± 0.01	5.5 ± 0.2
Merit Ultra Lights KFMSP	4.5±0.1	0.42 ± 0.01	5.9 ± 0.2
Merit Ultra Lights 100's 100FSP	5.3±0.1	0.50 ± 0.01	7.4 ± 0.2
Merit Ultra Lights 100's 100FMSP	6.0±0.2	0.53 ± 0.02	8.2 ± 0.3
More 120s 120FSP	16.5±0.4	1.19 ± 0.02	21.5 ± 0.4
More 120s 120FMSP	16.6±0.3	1.28 ± 0.03	22.0 ± 0.5
More Lights 100s 100FHP	\dots 10.0 ± 0.2	0.78 ± 0.02	10.7 ± 0.3
More Lights 100s 100FMHP	9.0±0.3	0.69 ± 0.03	10.2 ± 0.3
More Lights 120s 120FSP	\dots 12.9 \pm 0.2	0.98 ± 0.01	20.2 ± 0.5
More Lights 120s 120FMSP	12.2±0.4	0.99 ± 0.03	19.6 ± 0.5
Newport KFMHP	15.7±0.2	1.17 ± 0.02	16.5 ± 0.3
Newport KFMSP	17.2±0.4	1.26 ± 0.02	18.3 ± 0.5
Newport 100's 100FMHP	19.2±0.2	1.46 ± 0.02	19.4 ± 0.4
Newport 100's 100FMSP		1.47 ± 0.03	19.4±0.4
Newport 25's KFMSP	17.2±0.2	1.28 ± 0.02	18.2 ± 0.4
Newport 25's 100FMSP		1.48 ± 0.02	19.8 ± 0.3
Newport Lights KFMHP		0.73 ± 0.02	9.5±0.3
Newport Lights KFMSP	8.3±0.3	0.75 ± 0.02	9.1 ± 0.3
Newport Lights 100's 100FMHP		0.84 ± 0.02	9.9 ± 0.3
Newport Lights 100's 100FMSP		0.83 ± 0.02	9.5±0.4
Newport Stripes 100FHP		0.94 ± 0.02	16.6 ± 0.4
Newport Stripes 100FMHP	12.2±0.2	0.91 ± 0.02	16.5 ± 0.2
Newport Stripes Slim Lights 100FMHP	9.3±0.2	0.76 ± 0.02	11.4 ± 0.2
Now KFHP	< 0.5	< 0.05	< 0.5
Now KFSP		0.14 ± 0.01	2.3 ± 0.1
Now KFMSP		0.13 ± 0.01	2.3 ± 0.1
Now 100s 100FHP		< 0.05	< 0.5
Now 100s 100FSP		0.21 ± 0.01	3.1 ± 0.2
Now 100s 100FMSP		0.26 ± 0.01	4.3±0.2
Old Gold Straights KNFSP		1.89±0.05	18.7 ± 0.5
Old Gold Filters KFSP		1.24±0.02	18.1±0.3
Old Gold Filter 100's 100FSP		1.50 ± 0.03	19.6±0.4
Old Gold Lights KFSP		0.81 ± 0.02	10.9±0.3
Old Gold Lights 100s 100FSP		0.91±0.02	17.0±0.3
Pall Mall KNFSP		1.64±0.02	16.6±0.4
Pall Mall 25's KNFSP	24.7±0.3	1.64±0.03	16.5±0.3
		1.28 ± 0.02	17.1±0.3
Pall Mall 100's 100FSP		0.84±0.02	12.0±0.3
Pall Mall Lights 100's 100FSP		1.08±0.02	13.1 ± 0.3
Pall Mall Light 100's Low Tar 100FMSP		1.02±0.02	12.6 ± 0.3
Pall Mall Red Filters KFSP			14.0±0.3
Pall Mall Red Filters 100's 100FSP		1.07 ± 0.02	10.7±0.2
Pall Mall Red Lights KFSP		0.81 ± 0.02	
Pall Mall Red Lights 100's 100FSP	11.1±U.Z	0.88 ± 0.02	12.2 ± 0.4 10.3 ± 0.4
Parliament Lights KFHP	9.3±0.Z	0.72 ± 0.02	
Parliament Lights KFSP		0.71 ± 0.02	10.4±0.2 12.7±0.2
Parliament Lights 100's 100FSP	14.U±0.Z	0.95±0.02	14, / ±0,4

Brand	"Tar" mg/cig	"Nicotine" mg/cig	CO mg/cig
Philip Morris Commander KNFSP	26.3±0.5	1.61 ± 0.03	16.2 ± 0.5
Philip Morris International 100FHP		1.15 ± 0.02	15.6 ± 0.4
Philip Morris International 100FMHP	16.9±0.2	1.08 ± 0.02	16.2 ± 0.4
Players RNFHP	25.2±0.4	1.74 ± 0.03	15.9 ± 0.4
Players KFHP		0.83 ± 0.02	12.2 ± 0.2
Players KFMHP		0.82 ± 0.01	12.3 ± 0.2
Players 100's 100FHP		0.98 ± 0.02	12.9 ± 0.3
Players 100's 100FMHP	14.0±0.2	0.98±0.02	12.7 ± 0.3
Players Lights 25's KFSP		0.72 ± 0.02	11.1±0.2
Players Lights 25's KFMSP		0.71 ± 0.01	11.1 ± 0.4
Players 25's Lights 100's 100FSP	11.9±0.3	0.86±0.02	14.1±0.4
Players 25's Lights 100's 100FMSP		0.81 ± 0.01	13.7 ± 0.3
Raleigh KNFSP		1.40 ± 0.03	16.6±0.4
Raleigh KFSP	15.5±0.4	0.97 ± 0.03	14.7 ± 0.3
Raleigh 100's 100FSP		0.99 ± 0.02	16.0 ± 0.3
Raleigh Lights KFSP	11.4±0.2	0.87 ± 0.02	13.1 ± 0.3
Raleigh Lights 100's 100FSP	12.2±0.3	0.94 ± 0.02	14.3 ± 0.3
Richland 20's KFSP		1.13 ± 0.02	16.0 ± 0.3
Richland 20's KFMSP		1.05 ± 0.02	16.1 ± 0.3
Richland 20's 100's 100FSP	16.6±0.3	1.23 ± 0.02	17.3 ± 0.4
Richland 20's Menthol 100's 100FMSP		1.15 ± 0.02	17.1 ± 0.3
Richland 20's Lights KFSP		0.90 ± 0.02	13.5 ± 0.3
Richland 20's Lights 100's 100FSP		0.90 ± 0.02	14.2 ± 0.4
Richland (25) KFSP		1.18 ± 0.02	15.8 ± 0.2
Richland (25) KFMSP		1.09 ± 0.02	15.6 ± 0.3
Richland 100's (25) 100FSP		1.28 ± 0.02	17.3 ± 0.4
Richland 100's (25) 100FMSP		1.16 ± 0.02	16.3 ± 0.4
Richland Lights (25) KFSP	11.5±0.2	0.89 ± 0.02	12.7 ± 0.3
Richland Lights (25) 100's 100FSP	12,4±0.2	0.94 ± 0.02	14.0 ± 0.2
Ritz 100 100FHP		0.78 ± 0.02	11.5 ± 0.4
Ritz 100 100FMHP	11.1±0.3	0.81 ± 0.02	11.5 ± 0.3
Salem KFMSP		1.04 ± 0.02	16.7 ± 0.3
Salem 100's 100FMSP	16.8±0.3	1.19 ± 0.02	16.1 ± 0.3
Salem Lights KFMSP	9.8±0.2	0.72 ± 0.02	12.6 ± 0.2
Salem Lights 100's 100FMHP	11.3±0.2	0.86 ± 0.02	11.6 ± 0.2
Salem Lights 100's 100FMSP	9.3±0.3	0.74 ± 0.02	11.1 ± 0.4
Salem Slim Lights 100's 100FMHP	9.5±0.2	0.77 ± 0.02	10.2 ± 0.3
Salem Ultra Lights KFMSP		0.43 ± 0.01	7.7 ± 0.2
Salem Ultra Lights 100's 100FMSP		0.45 ± 0.01	8.0 ± 0.2
Saratoga 120's 120FHP		1.07 ± 0.02	14.8 ± 0.3
Saratoga 120's 120FMHP		1.07 ± 0.02	14.8±0.4
Satin 100FSP		0.97 ± 0.02	13.1±0.4
Satin 100FMSP		0.97 ± 0.02	13.3±0.4
Silva Thins Filters 100FHP	12.2±0.2	0.97 ± 0.02	12.5±0.3
Silva Thins Menthol 100FMHP		0.90 ± 0.01	11.7±0.3
Silva Thins 100FSP	11.7±0.2	0.98±0.02	10.0±0.2
Silva Thins Menthol 100FMSP	12.3±0.3	1.05 ± 0.02	10.5±0.3

	"Tar"	"Nicotine"	CO
Brand	mg/cig	mg/cig	mg/cig
Spring 100's 100FMSP	19.3 ± 0.2	1.49 ± 0.03	19.0 ± 0.2
Tall 120s 120FSP	20.4±0.3	1.64 ± 0.03	20.2 ± 0.4
Tall 120s 120FMSP	18.0±0.3	1.57 ± 0.03	16.5 ± 0.5
Tareyton KFSP	14.3 ± 0.3	0.98 ± 0.02	15.9 ± 0.3
Tareyton 100's 100FSP	14.1 ± 0.2	1.02 ± 0.02	16.8±0.4
Tareyton Lights KFSP	5.2±0.2	0.44 ± 0.01	6.0 ± 0.2
Tareyton Long Lights 100FSP	8.1±0.2	0.68 ± 0.01	8.8±0.3
Triumph KFSP	3.1±0.1	0.32 ± 0.02	3.8±0.2
Triumph KFMSP	3.5±0.2	0.34 ± 0.02	4.3±0.2
Triumph 100s 100FSP	5.3±0.3	0.50 ± 0.02	7.4 ± 0.4
Triumph 100s 100FMSP	5.4±U.Z	0.52 ± 0.01	7.5±0.2
True KFSP	5.1±0.2	0.48 ± 0.02	6.4 ± 0.3
True KFMSP	4.9±0.3	0.46 ± 0.02	6.1±0.4
True 100's 100FSP	6.7±0.3	0.61 ± 0.02	7.4±0.4
True 100's 100FMSP	6.7±0.4	0.61 ± 0.03	7.3 ± 0.5
Vantage KFSP	10.5 ± 0.2	0.75 ± 0.02	13.5 ± 0.3
Vantage KFMSP	10.0±0.2	0.69 ± 0.01	12.5 ± 0.3
Vantage 100s 100FSP	8.8±0.2	0.63 ± 0.02	12.5 ± 0.3
Vantage Menthol 100s 100FMSP	8.3±0.2	0.61 ± 0.01	12.7 ± 0.3
Vantage Ultra Lights KFSP	5.5±0.1	0.47 ± 0.01	8.0 ± 0.2
Vantage Ultra Lights 100s 100FSP	5.8±0.1	0.50 ± 0.01	9.5±0.2
Viceroy KFSP	15.3±0.3	0.97 ± 0.02	14.5±0.3
Viceroy Super Long 100's 100FSP	15.9±0.3	1.14 ± 0.02	15.1 ± 0.3
Viceroy Lights KFSP	11.3 ± 0.3	0.88 ± 0.02	13.1 ± 0.3
Viceroy Lights 100's 100FSP	11.9±0.2	0.92 ± 0.02	14.1 ± 0.3
Virginia Slims 100FSP	15.3±0.2	1.07 ± 0.02	13.8 ± 0.3
Virginia Slims 100FMSP	15.1±0.3	1.06 ± 0.03	13.9 ± 0.3
Virginia Slims Lights 100FHP	8.8±0.2	0.70 ± 0.02	9.3 ± 0.3
Virginia Slims Lights 100FMHP	8.5±0.2	0.69 ± 0.02	9.2±0.2
*Virginia Slims Lights 120's 120FHP	14.8 ± 0.2	1.09 ± 0.02	15.2 ± 0.3
*Virginia Slims Lights 120's 120FMHP	14.9±0.2	1.08 ± 0.01	14.9 ± 0.2
Winston KFHP	16.8±0.3	1.06 ± 0.02	16.9 ± 0.3
Winston KFSP	17.1±0.3	1.13 ± 0.02	16.3 ± 0.2
Winston 100's 100FSP	16,9±0.2	1.06 ± 0.02	18.6±0.3
Winston Lights KFHP	9.7±0.2	0.63 ± 0.01	11.7 ± 0.3
Winston Lights KFSP	10.7±0.2	0.75 ± 0.01	13.2 ± 0.3
Winston Lights 100's 100FHP	9.9±0.2	0.72 ± 0.02	11.8 ± 0.3
Winston Lights 100's 100FSP.	11.4±0.2	0.81 ± 0.01	13.4 ± 0.3
Winston Ultra Lights KFSP	5.5±0.2	0.46 ± 0.01	8.5 ± 0.2
Winston Ultra Lights 100's 100FSP	5.3±0.2	0.47 ± 0.02	9.0 ± 0.3
Craven "A" KFHP	15.8±0.4	1.15 ± 0.02	16.3 ± 0.4
Craven "A" Filter Standard Size RFHP	18.6±0.4	1.51 ± 0.03	13.6 ± 0.3
Dunhill International 100FHP	15.2±0.3	1.39 ± 0.03	17.6 ± 0.3
Dunhill Menthol 100FMHP	14.2±0.3	1.19 ± 0.02	17.0 ± 0.4
Dunhill Menthol Mild 100FMHP	10.4±0.2	0.96 ± 0.02	12.5 ± 0.2

*Retested brand

Brand	"Tar" mg/cig	"Nicotine" mg/cig	CO mg/cig
Dunhill International Superior Mild 100FHP	8.4±0.2	0.73 ± 0.01	10.5 ± 0.2
Rothmans KFHP	19.4±0.4	1.34 ± 0.02	22.5 ± 0.7
Rothmans Special Mild KFHP	13.6±0.2	1.03 ± 0.02	15.5 ± 0.4
St. Moritz Filter 100s 100FSP	14,9±0.2	1.08±0.02	15.5±0.2
St. Moritz Menthol 100FMSP		0.96 ± 0.01	17.1 ± 0.4

Appendix A -- Test Results

Tobacco Institute Testing Laboratory Market Sample 31 Test Results - American Brands

Brand	"Tar" . mg/cig	"Nicotine" mg/cig	CO mg/cig
American Lights KFSP		0.91 ± 0.02	12.9 ± 0.3
American Lights 100's 100FSP	13.3±0.2	1.08 ± 0.01	13.9 ± 0.2
Carlton KFHP		< 0.05	< 0.5
Carlton KFSP		0.15 ± 0.01	2.4 ± 0.1
Carlton KFMSP		0.09 ± 0.01	1.4±.0.1
Carlton 100's 100FHP		0.10 ± 0.01	1.1 ± 0.1
Carlton 100's 100FMHP		0.10 ± 0.01	1.0 ± 0.1
Carlton 100's 100FSP	3.4±0.1	0.35 ± 0.01	4.6 ± 0.2
Carlton 100's 100FMSP	4.5±0,1	0.42 ± 0.01	6.4 ± 0.2
Carlton 120's 120FSP		0.62 ± 0.02	5.6 ± 0.2
Carlton 120's 120FMSP		0.62 ± 0.03	5.5 ± 0.2
Herbert Tareyton KNFSP	25.1±0.9	1.58 ± 0.03	17.8 ± 0.4
Lucky Strike RNFSP		1.52 ± 0.02	16.5 ± 0.3
Lucky Strike KFHP	12.1±0.2	0.92 ± 0.02	12.8 ± 0.4
Lucky Strike KFSP	11.8±0.3	0.89 ± 0.02	12.6 ± 0.3
Lucky Strike Filters 100's 100FSP		0.96 ± 0.02	12.7 ± 0.2
Lucky Strike Menthol 100's 100FMSP		0.96 ± 0.02	12.3 ± 0.2
Lucky Strike Lights KFSP	8.4±0.3	0.68 ± 0.02	10.2 ± 0.3
Lucky Strike Lights 100's 100FSP	8.9±0.2	0.74 ± 0.01	10.0 ± 0.3
Malibu Filters KFSP	16.4±0.3	1.18 ± 0.03	13.6±0.3
Malibu Menthol KFMSP		1.24 ± 0.02	14.8±0.2
Malibu 100's 100FSP		1.10 ± 0.02	13.4 ± 0.3
Malibu Menthol 100's 100FMSP		0.94 ± 0.02	12.5 ± 0.3
Malibu Lights KFSP		0.79 ± 0.01	10.8 ± 0.3
Malibu Lights 100's 100FSP		0.75 ± 0.02	10.6±0.4
Pall Mall KNFSP		1.64 ± 0.02	16.6±0.4
Pall Mall 25's KNFSP		1.64 ± 0.03	16.5±0.3
Pali Mali 100's 100FSP		1.28±0.02	17.1±0.3
Pall Mall Lights 100's 100FSP		0.84 ± 0.02	12.0 ± 0.3
Pall Mall Light 100's Low Tar 100FMSP	13.3+0.2	1.08 ± 0.02	13.1±0.3
Pall Mall Red Filters KFSP		1.02 ± 0.02	12.6±0.3
Pall Mall Red Filters 100's 100FSP	138+03	1.07±0.02	14.0±0.2
Pall Mall Red Lights KFSP		0.81 ± 0.02	10.7±0.3
Pall Mall Red Lights 100's 100FSP	11.1+0.2	0.81 ± 0.02 0.88 ± 0.02	12.2±0.4
Silva Thins Filters 100FHP		0.97 ± 0.02	12.5±0.3
Silva Thins Menthol 100FMHP.		0.97 ± 0.02 0.90 ± 0.01	11.7±0.3
Silva Thins 100FSP		0.98±0.01	
Silva Thins 10075F		1.05 ± 0.02	10.0±0.2 10.5±0.3
			20.2±0.4
Tall 120s 120FSP		1.64±0.03 1.57±0.03	20.2±0.4 16.5±0.5
			10.3 ± 0.3 15.9 ± 0.3
Tareyton KFSP		0.98 ± 0.02	
Tarcyton 100's 100FSP		1.02 ± 0.02	16.8±0.4
Tareyton Lights KFSP	3.Z±U.Z	0.44 ± 0.01	6.0 ± 0.2
Tareyton Long Lights 100FSP	8.1±0.2	0.68 ± 0.01	8.8 ± 0.3

Tobacco Institute Testing Laboratory Market Sample 31 Test Results - Brown & Williamson Brands

Brand	Tar mg/cig	Nicotine mg/cig	CO mg/cig
Belair KFMSP	10.7±0.2	0.84 ± 0.01	9.8 ± 0.2
Belair 100's 100FMSP	8.8±0.2	0.67 ± 0.02	9.1 ± 0.2
Capri 100FHP	9.2±0.2	0.78 ± 0.02	6.4 ± 0.2
Capri 100FMHP	8.9 ± 0.2	0.73 ± 0.02	6.0 ± 0.2
Falcon Lights KFSP		0.77 ± 0.02	11.2±0.3
Falcon Lights KFMSP		0.78 ± 0.02	11.9 ± 0.4
Falcon Lights 100's 100FSP	12.1±0.2	0.85 ± 0.02	14.8±0.4
Falcon Lights 100's 100FMSP	8.9 ± 0.2	0.73 ± 0.02	11.0 ± 0.3
Kool RNFMSP		1.36 ± 0.03	14.5 ± 0.2
Kool KFMHP		1.12 ± 0.03	16.4 ± 0.4
Kool KFMSP	16.8±0.3	1.14 ± 0.02	16.8 ± 0.3
Kool Super Longs 100's 100FMSP		1.25 ± 0.02	17.0 ± 0.3
Kool Lights KFMSP		0.69 ± 0.02	9.0 ± 0.2
Kool Lights 100's 100FMSP	8.5±0.2	0.73 ± 0.01	10.0 ± 0.3
Kool Milds KFMHP	11.6±0.3	0.88 ± 0.02	11.3 ± 0.3
Kool Milds KFMSP		0.93 ± 0.02	13.1 ± 0.3
Kool Milds 100's 100FMSP		0.95 ± 0.02	12.6 ± 0.4
Kool Ultra KFMSP		0.21 ± 0.02	2.7 ± 0.2
Kool Ultra 100's 100FMSP		0.45 ± 0.02	5.2 ± 0.3
Raleigh KNFSP	23.8±0.5	1.40 ± 0.03	16.6 ± 0.4
Raleigh KFSP	15.5±0.4	0.97 ± 0.03	14.7 ± 0.3
Raleigh 100's 100FSP	15.5±0.3	0.99 ± 0.02	16.0±0.3
Raleigh Lights KFSP	11.4±0.2	0.87 ± 0.02	13.1 ± 0.3
Raleigh Lights 100's 100FSP	12.2±0.3	0.94 ± 0.02	14.3±0.3
Richland 20's KFSP	16.3±0.3	1.13 ± 0.02	16.0±0.3
Richland 20's KFMSP		1.05 ± 0.02	16.1 ± 0.3
Richland 20's 100's 100FSP		1.23 ± 0.02	17.3±0.4
Richland 20's Menthol 100's 100FMSP	16.7±0.3	1.15±0.02	17.1±0.3
Richland 20's Lights KFSP		0.90 ± 0.02	13.5±0.3
Richland 20's Lights 100's 100FSP		0.90 ± 0.02	14.2±0.4
Richland (25) KFSP		1.18 ± 0.02	15.8±0.2
Richland (25) KFMSP	162+03	1.09 ± 0.02	15.6 ± 0.3
Richland 100's (25) 100FSP	17.0+0.3	1.28 ± 0.02	17.3 ± 0.4
Richland 100's (25) 100FMSP		1.16 ± 0.02	16.3±0.4
Richland Lights (25) KFSP	.11 5+0.7	0.89 ± 0.02	12.7±0.3
Richland Lights (25) 100's 100FSP	12.4+0.2	0.94 ± 0.02	14.0±0.2
Viceroy KFSP	152+03	0.97 ± 0.02	14.5±0.3
Viceroy Super Long 100's 100FSP	15 Q+0 3	1.14 ± 0.02	15.1±0.3
Viceroy Lights KFSP	11 2 ± 0.2	0.88 ± 0.02	13.1±0.3
Viceroy Lights 100's 100FSP	11 0 ± 0.2	0.92±0.02	14.1±0.3

Tobacco Institute Testing Laboratory Market Sample 31 Test Results - Liggett & Myers Brands

Brand	"Tar" mg/cig	"Nicotine" mg/cig	CO mg/cig
Chesterfield RNFSP	20.0±0.5	1.30 ± 0.03	13.3 ± 0.4
Chesterfield KNFSP	24.2±0.5	1.65 ± 0.04	15.3 ± 0.5
Eve Slim Lights 100's 100FHP	12.8±0.2	1.03 ± 0.02	11.0 ± 0.2
Eve Slim Lights 100's 100FMHP	12.6±0.3	1.00 ± 0.02	10.8 ± 0.3
Eve Lights 120's 120FHP	13.0±0.4	1.12 ± 0.03	11.6 ± 0.5
Eve Lights 120's 120FMHP	13,5±0.2	1.17 ± 0.02	12.0 ± 0.3
L & M KFSP.	13.7±0.2	1.08 ± 0.02	12.9 ± 0.3
L & M Super 100 100FSP	13.9±0.2	1.12 ± 0.02	14.2 ± 0.3
L & M Long Lights 100FSP	7.8±0.2	0.80 ± 0.02	6.3 ± 0.2
L & M 30's Lights 100's 100FSP	12.6 ± 0.3	1.06 ± 0.02	10.7 ± 0.3
Lark KFSP	14.3±0.3	1.11 ± 0.03	13.3 ± 0.3
Lark 100FSP		1.22 ± 0.02	14.0 ± 0.2
Lark Lights KFSP		1.03 ± 0.02	13.3 ± 0.3
Lark Light 100's 100FSP	13.9±0.3	1.15 ± 0.03	14.5 ± 0.5

Tobacco Institute Testing Laboratory Market Sample 31 Test Results - Lorillard Brands

	"Tar"	"Nicotine"	co
Brand	mg/cig	mg/cig	mg/cig
Harley Davidson KFSP	14.1 \pm 0.3	0.98 ± 0.02	16.3 ± 0.4
Kent Golden Lights KFHP	8.8±0.3	0.78 ± 0.02	9.7 ± 0.4
Kent Golden Lights KFSP	8.5±0.2	0.74 ± 0.02	9.6 ± 0.3
Kent Golden Lights KFMSP	8.3±0.3	0.75 ± 0.02	9.1 ± 0.4
Kent Golden Lights 100s 100FHP	10.2±0.2	0.91 ± 0.02	11.2 ± 0.4
Kent Golden Lights 100s 100FSP	9.6±0.3	0.86 ± 0.02	10.5 ± 0.4
Kent Golden Lights 100s 100FMSP	9.3±0.2	0.85 ± 0.02	10.0 ± 0.3
Kent KFHP	11.3±0.2	0.86 ± 0.02	12.9 ± 0.3
Kent KFSP		0.88 ± 0.02	13.9 ± 0.3
Kent 100s 100FSP		1.02 ± 0.02	14.7 ± 0.4
Kent 100s 100FMSP		1.04 ± 0.01	14.4 ± 0.3
Kent III KFSP	3.4±0.2	0.35 ± 0.02	4.3 ± 0.2
Kent III 100s 100FHP		0.50 ± 0.03	6.8 ± 0.3
Kent III 100s 100FSP		0.45 ± 0.01	6.6 ± 0.3
Max 120s 120FSP	17.1±0.4	1.34 ± 0.03	17.7 ± 0.4
Max 120s 120FMSP	17.2±0.4	1.38 ± 0.03	17.0 ± 0.5
Newport KFMHP	15.7±0.2	1.17 ± 0.02	16.5±0.3
Newport KFMSP	17.2±0.4	1.26 ± 0.02	18.3 ± 0.5
Newport 100's 100FMHP	19.2±0.2	1.46 ± 0.02	19.4±0.4
Newport 100's 100FMSP	19.3±0.3	1.47 ± 0.03	19.4 ± 0.4
Newport 25's KFMSP	17.2±0.2	1.28 ± 0.02	18.2 ± 0.4
Newport 25's 100FMSP	19.5±0.3	1.48 ± 0.02	19.8 ± 0.3
Newport Lights KFMHP	8.6±0.2	0.73 ± 0.02	9.5±0.3
Newport Lights KFMSP	8.3±0.3	0.75 ± 0.02	9.1 ± 0.3
Newport Lights 100's 100FMHP	9.2±0.3	0.84 ± 0.02	9.9 ± 0.3
Newport Lights 100's 100FMSP	9.0±0.3	0.83 ± 0.02	9.5±0.4
Newport Stripes 100FHP	12.3±0.3	0.94 ± 0.02	16.6±0.4
Newport Stripes 100FMHP	12.2±0.2	0.91 ± 0.02	16.5 ± 0.2
Newport Stripes Slim Lights 100FMHP	9.3±0.2	0.76 ± 0.02	11.4 ± 0.2
Old Gold Straights KNFSP	26.9±0.6	1.89 ± 0.05	18.7 ± 0.5
Old Gold Filters KFSP	16.8±0.2	1.24 ± 0.02	18.1 ± 0.3
Old Gold Filter 100's 100FSP	19.7±0.3	1.50 ± 0.03	19.6 ± 0.4
Old Gold Lights KFSP		0.81 ± 0.02	10.9 ± 0.3
Old Gold Lights 100s 100FSP	12.3±0.2	0.91 ± 0.02	17.0 ± 0.3
Satin 100FSP	11.4±0.3	0.97 ± 0.02	13.1 ± 0.4
Satin 100FMSP		0.97 ± 0.02	13.3 ± 0.4
Spring 100's 100FMSP		1.49 ± 0.03	19.0 ± 0.2
Triumph KFSP		0.32 ± 0.02	3.8 ± 0.2
Triumph KFMSP	3.5±0.2	0.34 ± 0.02	4.3 ± 0.2
Triumph 100s 100FSP	5.3±0.3	0.50 ± 0.02	7.4 ± 0.4
Triumph 100s 100FMSP	5.4±0.2	0.52 ± 0.01	7.5 ± 0.2
True KFSP	5.1±0.2	0.48 ± 0.02	6.4 ± 0.3
True KFMSP	4.9±0.3	0.46 ± 0.02	6.1 ± 0.4
True 100's 100FSP		0.61 ± 0.02	7.4 ± 0.4
True 100's 100FMSP	6.7±0.4	0.61 ± 0.03	7.3 ± 0.5

Tobacco Institute Testing Laboratory Market Sample 31 Test Results - R.J. Reynolds Brands

Brand	"Tar" mg/cig	"Nicotine" mg/cig	CO mg/cig
Bright 100s 100FMSP	6.0 ± 0.1	0.44 ± 0.01	10.3 ± 0.3
Camel RNFSP		1.39 ± 0.02	14.2 ± 0.4
Camel Filters KFHP	16.8±0.2	1.06 ± 0.02	16.6 ± 0.3
Camel Filters KFSP	15.6±0.3	1.01 ± 0.02	15.4 ± 0.2
Camel Filters 100's 100FSP	17.5±0.2	1.06 ± 0.01	18.7 ± 0.3
Camel Lights KFHP	9.9±0.2	0.64 ± 0.01	11.8 ± 0.3
Camel Lights KFSP	8.8±0.2	0.65 ± 0.01	11.3 ± 0.3
Camel Lights 100's 100FSP		0.81 ± 0.01	15.0 ± 0.3
Century 25's (25) KFSP	15.3±0.3	0.99 ± 0.02	17.8±0.3
Century 25's 100's 100FSP		1.13 ± 0.02	20.9 ± 0.5
Century 25's Lights (25) KFSP	9.7±0.2	0.70 ± 0.02	11.8 ± 0.3
Century 25's Lights 100's 100FSP		0.89 ± 0.02	13.4±0.3
Century 25's Menthol Lights 100's 100FMSP		0.84 ± 0.01	13.2±0.3
Doral Full Flavor KFSP		0.92 ± 0.01	19.6 ± 0.4
Doral Full Flavor 100's 100FSP		0.84 ± 0.01	17.2±0.3
Doral Lights KFSP		0.67 ± 0.02	14.5±0.4
Doral Menthol Lights KFMSP		0.64 ± 0.01	14.0 ± 0.2
Doral Lights 100's 100FSP		0.70 ± 0.02	12.9±0.3
Doral Menthol Lights 100's 100FMSP	12.1+0.3	0.73 ± 0.01	13.7±0.3
Doral Ultra Lights 100's 100FSP		0.48±0.02	11.7±:0.5
Magna KFHP	14.1+0.3	0.90±0.01	16.3±0.4
Magna KFSP		0.91±0.02	14.9±0.2
Magna Lites KFSP		0.64±0.01	13.7±0.2
More 120s 120FSP		1.19±0.02	21.5±0.4
More 120s 120FMSP		1.28±0.03	22.0±0.5
More Lights 100s 100FHP		0.78±0.02	10.7±0.3
More Lights 100s 100FMHP		0.69±0.03	10.7±0.3
		0.99±0.03 0.98±0.01	20.2±0.5
More Lights 120s 120FSP		0.99±0.03	20.2±0.5 19.6±0.5
		< 0.05	< 0.5
Now KFHP		< 0.03 0.14±0.01	2.3±0.1
Now KFSP			
Now KFMSP		0.13 ± 0.01	2.3 ± 0.1
Now 100s 100FHP		< 0.05	< 0.5
Now 100s 100FSP		0.21 ± 0.01	3.1±0.2
Now 100s 100FMSP		0.26±0.01	4.3±0.2
Ritz 100 100FHP		0.78 ± 0.02	11.5 ± 0.4
Ritz 100 100FMHP		0.81 ± 0.02	11.5 ± 0.3
Salem KFMSP		1.04 ± 0.02	16.7 ± 0.3
Salem 100's 100FMSP		1.19 ± 0.02	16.1 ± 0.3
Salem Lights KFMSP		0.72 ± 0.02	12.6 ± 0.2
Salem Lights 100's 100FMHP		0.86 ± 0.02	11.6 ± 0.2
Salem Lights 100's 100FMSP		0.74 ± 0.02	11.1 ± 0.4
Salem Slim Lights 100's 100FMHP		0.77 ± 0.02	10.2 ± 0.3
Salem Ultra Lights KFMSP	4.9 ± 0.1	0.43 ± 0.01	7.7 ± 0.2
Salem Ultra Lights 100's 100FMSP	5.1±0.1	0.45 ± 0.01	8.0 ± 0.2
Vantage KFSP	10.5 ± 0.2	0.75 ± 0.02	13.5 ± 0.3
	10.0 ± 0.2	0.69 ± 0.01	12.5 ± 0.3

Tobacco Institute Testing Laboratory Market Sample 31 Test Results - R.J. Reynolds Brands

Brand	"Tar" mg/cig	"Nicotine" mg/cig	CO mg/cig
Vantage 100s 100FSP	8.8±0.2	0.63 ± 0.02	12.5 ± 0.3
Vantage Menthol 100s 100FMSP	8.3±0.2	0.61 ± 0.01	12.7 ± 0.3
Vantage Ultra Lights KFSP	5.5±0.1	0.47 ± 0.01	8.0 ± 0.2
Vantage Ultra Lights 100s 100FSP	5.8±0.1	0.50 ± 0.01	9.5 ± 0.2
Winston KFHP	16.8±0.3	1.06 ± 0.02	16.9 ± 0.3
Winston KFSP	17.1±0.3	1.13 ± 0.02	16.3 ± 0.2
Winston 100's 100FSP	16.9±0.2	1.06 ± 0.02	18.6 ± 0.3
Winston Lights KFHP	9.7±0.2	0.63 ± 0.01	11.7 ± 0.3
Winston Lights KFSP	10.7±0.2	0.75 ± 0.01	13.2 ± 0.3
Winston Lights 100's 100FHP		0.72 ± 0.02	11.8 ± 0.3
Winston Lights 100's 100FSP	11.4±0.2	0.81 ± 0.01	13.4 ± 0.3
Winston Ultra Lights KFSP	5.5±0.2	0.46 ± 0.01	8.5 ± 0.2
Winston Ultra Lights 100's 100FSP	5.3±0.2	0.47 ± 0.02	9.0 ± 0.3

Tobacco Institute Testing Laboratory Market Sample 31 Test Results - Larus & Brother Brands

Brand	"Tar" mg/cig	"Nicotine" mg/cig	CO mg/cig
Craven A KFHP	15.8±0.4	1.15 ± 0.02	16.3 ± 0.4
Craven A Filter Standard Size RFHP	18.6±0.4	1.51 ± 0.03	13.6 ± 0.3
Dunhill International 100FHP		1.39 ± 0.03	17.6 ± 0.3
Dunhill Menthol 100FMHP		1.19 ± 0.02	17.0 ± 0.4
Dunhill Menthol Mild 100FMHP	10.4±0.2	0.96 ± 0.02	12.5 ± 0.2
Dunhill International Superior Mild 100FHP	8.4±0.2	0.73 ± 0.01	10.5 ± 0.2
Rothmans KFHP	19.4±0.4	1.34 ± 0.02	22.5 ± 0.7
Rothmans Special Mild KFHP		1.03 ± 0.02	15.5 ± 0.4
St. Moritz Filter 100s 100FSP	14.9±0.2	1.08 ± 0.02	15.5±0.2
St. Moritz Menthol 100FMSP	14.9±0.3	0.96 ± 0.01	17.1 ± 0.4

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Brand	"Tar" mg/cig	"Nicotine" mg/cig	CO mg/cig
Carlton KFHP	<0.5	<0.05	<0.5
Now 100s 100FHP		< 0.05	<0.5
Now KFHP		<0.05	<0.5
Now KFSP		0.09 ± 0.01	1.4±0.1
Now KFMSP		0.10±0.01	1.0±0.1
Carlton KFMSP	0.0±0.1	0.10 ± 0.01 0.10 ± 0.01	1.0±0.1 1.1±0.1
Carlton 100's 100FMHP	10-01	0.10±0.01 0.14±0.01	2.3±0.1
Carlton 100's 100FHP	1.0±0.1	0.14±0.01 0.13±0.01	
Carlton KFSP	1.1±V.1 12±01	0.15 ± 0.01 0.15 ± 0.01	2.3±0.1
Now 100s 100FSP	1.0±0.1	0.13 ± 0.01 0.21 ± 0.01	2.4±0.1
Kool Ultra KFMSP	22+0.1	0.21 ± 0.01 0.21 ± 0.02	3.1±0.2
Now 100s 100FMSP	25+01	0.21 ± 0.02 0.26 ± 0.01	2.7±0.2 4.3±0.2
Triumph KFSP	21±0.1	0.32±0.02	
Carlton 100's 100FSP	3.1+0.1	0.32 ± 0.02 0.35 ± 0.01	3.8±0.2
Kent III KFSP	2.4.0.0	0.35 ± 0.01 0.35 ± 0.02	4.6±0.2
Triumph KFMSP	3.4±0.4		4.3±0.2
Merit Ultra Lights KFSP	3.3 ± 0,2	0.34±0.02	4.3±0.2
Carlton 100's 100FMSP	4.4±0.2	0.43±0.01	5.5±0.2
Marit I litro I ighta VERSOD	4.3±0.1	0.42±0.01	6.4±0.2
Merit Ultra Lights KFMSP	4.5±0.1	0.42±0.01	5.9 ± 0.2
Cambridge Ultra Low Tar 100's 100FSP	4.7±0.2	0.41±0.01	6.6 ± 0.3
Kent III 100s 100FSP		0.45 ± 0.01	6.6 ± 0.3
True KFMSP	4.9±0.3	0.46 ± 0.02	6.1 ± 0.4
Salem Ultra Lights KFMSP	4.9±0.1	0.43 ± 0.01	7.7 ± 0.2
Kent III 100s 100FHP	5.0±0.2	0.50 ± 0.03	6.8±0.3
Kool Ultra 100's 100FMSP	5.0±0.3	0.45 ± 0.02	5.2 ± 0.3
Benson & Hedges Deluxe Ultra Lights 100's 100FHP		0.44 ± 0.02	6.2 ± 0.3
True KFSP		0.48 ± 0.02	6.4 ± 0.3
Salem Ultra Lights 100's 100FMSP		0.45 ± 0.01	8.0 ± 0.2
Tareyton Lights KFSP		0.44 ± 0.01	6.0 ± 0.2
Benson & Hedges Deluxe Ultra Lights 100's 100FMHP		0.47 ± 0.01	6.2 ± 0.2
Merit Ultra Lights 100's 100FSP		0.50 ± 0.01	7.4 ± 0.2
Triumph 100s 100FSP	5.3 ± 0.3	0.50 ± 0.02	7.4 ± 0.4
Winston Ultra Lights 100's 100FSP		0.47 ± 0.02	9.0 ± 0.3
Triumph 100s 100FMSP	5.4±0.2	0.52 ± 0.01	7.5 ± 0.2
Winston Ultra Lights KFSP	5.5±0.2	0.46 ± 0.01	8.5 ± 0.2
Vantage Ultra Lights KFSP	5.5±0.1	0.47 ± 0.01	8.0 ± 0.2
Vantage Ultra Lights 100s 100FSP	5.8±0.1	0.50 ± 0.01	9.5 ± 0.2
Merit Ultra Lights 100's 100FMSP	6.0±0.2	0.53 ± 0.02	8.2 ± 0.3
Bright 100s 100FMSP	6.0±0.1	0.44 ± 0.01	10.3 ± 0.3
Carlton 120's 120FMSP	6.2±0.2	0.62 ± 0.03	5.5 ± 0.2
Carlton 120's 120FSP	6.5±0.2	0.62 ± 0.02	5.6 ± 0.2
Doral Ultra Lights 100's 100FSP	6.7±0.3	0.48 ± 0.02	11.7±0.5
True 100's 100FMSP	6.7±0.4	0.61 ± 0.03	7.3 ± 0.5
True 100's 100FSP	6.7±0.3	0.61±0.02	7.4±0.4
Merit KFSP		0.59 ± 0.01	9.8±0.3
Merit KFMSP		0.58 ± 0.01	10.0 ± 0.3
. & M Long Lights 100FSP	7.7.00	0.80 ± 0.02	6.3±0.2

Brand	"Tar" mg/cig	"Nicotine" mg/cig	CO mg/cig
Merit KFHP	7.8+0.2	0.60 ± 0.01	9.8±0.2
Tareyton Long Lights 100FSP		0.68 ± 0.01	8.8±0.3
Kool Lights KFMSP		0.69 ± 0.02	9.0 ± 0.2
Newport Lights KFMSP		0.75 ± 0.02	9.1±0.3
Kent Golden Lights KFMSP		0.75 ± 0.02	9.1±0.4
Vantage Menthol 100s 100FMSP		0.61 ± 0.01	12.7±0.3
Dunhill International Superior Mild 100FHP	84+0.2	0.73 ± 0.01	10.5±0.2
Lucky Strike Lights KFSP		0.68 ± 0.02	10.2±0.3
Kent Golden Lights KFSP		0.74 ± 0.02	9.6±0.3
Kool Lights 100's 100FMSP		0.73 ± 0.01	10.0 ± 0.3
Virginia Slims Lights 100FMHP		0.69 ± 0.02	9.2±0.2
Newport Lights KFMHP		0.73 ± 0.02	9.5±0.3
Vantage 100s 100FSP		0.63 ± 0.02	12.5 ± 0.3
Belair 100's 100FMSP		0.67 ± 0.02	9.1±0.2
Kent Golden Lights KFHP		0.78 ± 0.02	9.7±0.4
Camel Lights KFSP		0.65±0.01	11.3±0.3
Virginia Slime Lights 100FHP	88+02	0.70±0.02	9.3±0.3
Virginia Slims Lights 100FHP	89+02	0.73 ± 0.02	6.0±0.2
Lucky Strike Lights 100's 100FSP	89+02	0.74±0.01	10.0±0.3
Falcon Lights 100's 100FMSP		0.73 ± 0.02	11.0 ± 0.3
More Lights 100s 100FMHP		0.69±0.03	10.2±0.3
Newport Lights 100's 100FMSP		0.83 ± 0.02	9.5 ± 0.4
Malibu Lights 100's 100FSP		0.75±0.02	10.6±0.4
		0.64±0.01	13.7±0.2
Magna Lites KFSP		0.71±0.02	10.4±0.2
Parliament Lights KFSP		0.71±0.02 0.78±0.02	6.4±0.2
Capri 100FHP		0.78±0.02 0.84±0.02	9.9±0.3
Newport Lights 100's 100FMHP		0.74 ± 0.02	9.9±0.3 11.1±0.4
Salem Lights 100's 100FMSP			
Newport Stripes Slim Lights 100FMHP		0.76 ± 0.02	11.4 ± 0.2
Kent Golden Lights 100s 100FMSP		0.85±0.02	10.0 ± 0.3
Old Gold Lights KFSP		0.81 ± 0.02	10.9 ± 0.3
Parliament Lights KFHP		0.72±0.02	10.3±0.4
Salem Slim Lights 100's 100FMHP		0.77 ± 0.02	10.2±0.3
Kent Golden Lights 100s 100FSP		0.86 ± 0.02	10.5 ± 0.4
Century 25's Lights (25) KFSP		0.70 ± 0.02	11.8 ± 0.3
Winston Lights KFHP		0.63 ± 0.01	11.7±0.3
Salem Lights KFMSP		0.72 ± 0.02	12.6 ± 0.2
Camel Lights KFHP		0.64 ± 0.01	11.8±0.3
Winston Lights 100's 100FHP		0.72 ± 0.02	11.8 ± 0.3
Marlboro Lights KFMSP		0.77 ± 0.01	10.4 ± 0.3
More Lights 100s 100FHP		0.78 ± 0.02	10.7 ± 0.3
Players Lights 25's KFMSP		0.71 ± 0.01	11.1 ± 0.4
Vantage KFMSP	10.0±0.2	0.69 ± 0.01	12.5 ± 0.3
Players Lights 25's KFSP		0.72 ± 0.02	11.1 ± 0.2
Merit 100's 100FSP		0.80 ± 0.02	11.8 ± 0.3
Merit 100's 100FMSP	10.1 ± 0.2	0.78 ± 0.02	12.0 ± 0.3
Marlboro Lights 100's 100FHMP			11.2±0.4

Brand	"Tar" mg/cig	"Nicotine" mg/cig	CO mg/cig
North and Table Term error	400.00		
Marlboro Lights KFMHP	10.2±0,2	0.78 ± 0.02	11.2 ± 0.3
Falcon Lights KFMSP	10.2±0.3	0.78 ± 0.02	11.9 ± 0.4
Kent Golden Lights 100s 100FHP	10.2±0.2	0.91 ± 0.02	11.2 ± 0.4
Malibu Lights KFSP	10.2±0.2	0.79 ± 0.01	10.8±0.3
Pall Mall Red Lights KFSP	10.3±0.3	0.81 ± 0.02	10.7 ± 0.3
Pall Mall Lights 100's 100FSP	10.3±0.2	0.84 ± 0.02	12.0±0.3
Ritz 100 100FHP	10.4±0.3	0.78 ± 0.02	11.5 ± 0.4
Dunhill Menthol Mild 100FMHP	10.4±0.2	0.96 ± 0.02	12.5 ± 0.2
Vantage KFSP	10.5±0.2	0.75 ± 0.02	13.5 ± 0.3
Benson & Hedges Lights 100's 100FMSP		0.81 ± 0.02	12.0 ± 0.2
Belair KFMSP	10.7 ± 0.2	0.84 ± 0.01	9.8 ± 0.2
Winston Lights KFSP	10.7±0.2	0.75 ± 0.01	13.2 ± 0.3
Benson & Hedges Lights 100's 100FSP	10.7 \pm 0.2	0.83 ± 0.02	13.0 ± 0.3
Marlboro Lights 100's 100FHP	10.8±0.2	0.85 ± 0.02	12.3 ± 0.3
Marlboro Lights 100's 100FMSP	10.9±0.1	0.86 ± 0.01	12.0 ± 0.3
Marlboro Lights 100's 100FSP		0.85 ± 0.02	13.0 ± 0.4
Marlboro Lights KFHP	11.0 \pm 0.2	0.82 ± 0.02	12.4 ± 0.3
Silva Thins Menthol 100FMHP		0.90 ± 0.01	11.7 ± 0.3
Ritz 100 100FMHP	11.1±0.3	0.81 ± 0.02	11.5 ± 0.3
Pall Mall Red Lights 100's 100FSP	11.1±0.2	0.88 ± 0.02	12.2 ± 0.4
Falcon Lights KFSP	11,2±0,2	0.77 ± 0.02	11.2±0.3
Marlboro Lights 25's KFSP	11.2±0.2	0.80 ± 0.02	12.4 ± 0.3
Benson & Hedges Multifilter KFSP	11.2±0.3	0.85 ± 0.02	10.8 ± 0.2
Marlboro Lights KFSP	11,2±0,2	0.83 ± 0.02	12.2 ± 0.3
Salem Lights 100's 100FMHP	11,3±0.2	0.86 ± 0.02	11.6±0.2
Doral Lights 100's 100FSP	11.3±0.3	0.70 ± 0.02	12.9 ± 0.3
Kent KFHP	11.3±0.2	0.86 ± 0.02	12.9±0.3
Viceroy Lights KFSP		0.88 ± 0.02	13.1±0.3
Satin 100FMSP	11.4±0.3	0.97 ± 0.02	13.3±0.4
Winston Lights 100's 100FSP	11.4±0.2	0.81±0.01	13.4±0.3
Satin 100FSP	11.4±0.3	0.97 ± 0.02	13.1±0.4
Raleigh Lights KFSP		0.87 ± 0.02	13.1±0.3
Camel Lights 100's 100FSP	11 4+02	0.81 ± 0.01	15.0 ± 0.3
Players 25's Lights 100's 100FMSP	11 4+02	0.81 ± 0.01	13.7 ± 0.3
Century 25's Menthol Lights 100's 100FMSP	11 5+0 2	0.84 ± 0.01	13.2±0.3
Richland Lights (25) KFSP		0.89 ± 0.02	12.7±0.3
Kool Milds KFMHP		0.89 ± 0.02 0.88 ± 0.02	12.7 ± 0.3 11.3 ± 0.3
Malibu Menthol 100's 100FMSP	***************************************	0.94±0.02	12.5 ± 0.3
Silva Thins 100FSP		0.94±0.02 0.98±0.02	
			10.0 ± 0.2
Players KFHP Doral Menthol Lights KFMSP	11.7±0.2	0.83 ± 0.02	12.2 ± 0.2
Dichland 20% Lights WESD	11.7 ± 0.2	0.64±0.01	14.0±0.2 ·
Richland 20's Lights KFSPLucky Strike Menthol 100's 100FMSP	11.0 ± 0.3	0.90±0.02	13.5±0.3
		0.96±0.02	12.3 ± 0.2
Lucky Strike KFSP		0.89 ± 0.02	12.6 ± 0.3
Cambridge Lights 100's 100FMSP	11.9±0.2	0.86 ± 0.01	14.6±0.4
Players KFMHP		0.82 ± 0.01	12.3 ± 0.2
Cambridge Lights KFMSP	11.Y±V.Z	0.84±0.02	12.1±0.3

Brand	"Tar" mg/cig	"Nicotine" mg/cig	CO mg/cig
		0.07 . 0.00	40.71.00
Lucky Strike Filters 100's 100FSP	11.9±0.2	0.96±0.02	12.7 ± 0.2
Century 25's Lights 100's 100FSP	11.9±0.3	0.89 ± 0.02	13.4±0.3
Viceroy Lights 100's 100FSP	11.9±0.2	0.92 ± 0.02	14.1 ± 0.3
Players 25's Lights 100's 100FSP	11.9±0.3	0.86 ± 0.02	14.1±0.4
American Lights KFSP	11.9 ± 0.2	0.91 ± 0.02	12.9±0.3
Cambridge Lights 100's 100FSP	12.0 ± 0.2	0.87 ± 0.02	14.5±0.4
Parliament Lights 100's 100FSP	12.0±0.2	0.95 ± 0.02	12.7±0.2
Kent KFSP	12.0±0.2	0.88 ± 0.02	13.9±0.3
Kool Milds 100's 100FMSP		0.95 ± 0.02	12.6 ± 0.4
Doral Lights KFSP	12.1±0.3	0.67 ± 0.02	14.5±0.4
Falcon Lights 100's 100FSP	12.1±0.2	0.85 ± 0.02	14.8±0.4
Doral Menthol Lights 100's 100FMSP	12.1±0.2	0.90 ± 0.02	14.2±0.4
Richland 20's Lights 100's 100FSP	12.1±0.3	0.73 ± 0.01	13.7±0.3
Lucky Strike KFHP	12.1 \pm 0.2	0.92 ± 0.02	12.8± 0.4
Raleigh Lights 100's 100FSP	12.2±0.3	0.94 ± 0.02	14.3 ± 0.3
Newport Stripes 100FMHP	12.2±0.2	0.91 ± 0.02	16.5 ± 0.2
Silva Thins Filters 100FHP	12.2±0.2	0.97 ± 0.02	12.5 ± 0.3
More Lights 120s 120FMSP	12.2±0.4	0.99 ± 0.03	19.6 ± 0.5
Cambridge Lights KFSP	12.3±0.2	0.85 ± 0.01	12.7 ± 0.3
Silva Thins Menthol 100FMSP	12.3±0.3	1.05 ± 0.02	10.5 ± 0.3
Kool Milds KFMSP	12.3±0.3	0.93 ± 0.02	13.1 ± 0.3
Newport Stripes 100FHP	12.3±0.3	0.94 ± 0.02	16.6 ± 0.4
Old Gold Lights 100s 100FSP	12.3±0.2	0.91 ± 0.02	17.0 ± 0.3
Richland Lights (25) 100's 100FSP	12.4±0.2	0.94 ± 0.02	14.0 ± 0.2
L & M 30's Lights 100's 100FSP	12.6 ± 0.3	1.06 ± 0.02	10.7 ± 0.3
Eve Slim Lights 100's 100FMHP	12.6±0.3	1.00 ± 0.02	10.8 ± 0.3
Eve Slim Lights 100's 100FHP	12.8±0.2	1.03 ± 0.02	11.0 ± 0.2
More Lights 120s 120FSP	12.9±0.2	0.98 ± 0.01	20.2 ± 0.5
Eve Lights 120's 120FHP	13.0±0.4	1.12 ± 0.03	11.6 ± 0.5
Pall Mall Light 100's Low Tar 100FMSP	13.3±0.2	1.08 ± 0.02	13.1 ± 0.3
American Lights 100's 100FSP		1.08 ± 0.01	13.9 ± 0.2
Lark Lights KFSP	13.4±0.3	1.03 ± 0.02	13.3 ± 0.3
Eve Lights 120's 120FMHP	13.5±0.2	1.17 ± 0.02	12.0 ± 0.3
Kent 100s 100FSP	13.6±0.3	1.02 ± 0.02	14.7 ± 0.4
Pall Mall Red Filters KFSP		1.02±0.02	12.6 ± 0.3
Rothmans Special Mild KFHP	13.6+0.2	1.03±0.02	15.5 ± 0.4
L & M KFSP	13.7+0.2	1.08±0.02	12.9 ± 0.3
Pall Mall Red Filters 100's 100FSP		1.07 ± 0.02	14.0 ± 0.2
		0.98 ± 0.02	12.9±0.3
Players 100's 100FHP	12.0±0.2	1.15 ± 0.03	14.5 ± 0.5
Lark Light 100's 100FSP	12.0±0.2	1.12 ± 0.03 1.12 ± 0.02	14.2±0.3
L & M Super 100 100FSP	13.9 ≟ 0.4	0.91 ± 0.02	14.9±0.2
Magna KFSP	12 0±02	1.10 ± 0.02	13.4 ± 0.3
Malibu 100's 100FSP	140±0.3	1.10 ± 0.02 1.04 ± 0.01	13.4±0.3 14.4±0.3
Kent 100s 100FMSP		0.98±0.02	12.7±0.3
Players 100's 100FMHP	14.0±0.2	0.98 ± 0.02 0.90 ± 0.01	12.7 ± 0.3 16.3 ± 0.4
Magna KFHP	C.U.T.P.L	0.98±0.01	16.3±0.4
Harley Davidson KFSP	14.1±0.3	0.90±0.02	10.0±0.4

Brand	"Tar" mg/cig	"Nicotine" mg/cig	CO mg/cig
Diana			
Tareyton 100's 100FSP	14.1±0.2	1.02 ± 0.02	16.8 ± 0.4
Dunhill Menthol 100FMHP	14.2±0.3	1.19 ± 0.02	17.0 ± 0.4
Lark KFSP	14.3±0.3	1.11 ± 0.03	13.3 ± 0.3
Tareyton KFSP	14.3±0.3	0.98 ± 0.02	15.9 ± 0.3
Saratoga 120's 120FHP	14.5±0.2	1.07 ± 0.02	14.8 ± 0.3
Saratoga 120's 120FMHP	14.7±0.2	1.07 ± 0.02	14.8 ± 0.4
Lark 100FSP	14.7±0.3	1.22 ± 0.02	14.0 ± 0.2
Doral Full Flavor 100's 100FSP	14.7±0.2	0.84 ± 0.01	17.2 ± 0.3
*Virginia Slims Lights 120's 120FHP	14.7±0.3	1.09 ± 0.02	15.2 ± 0.3
St. Moritz Filter 100s 100FSP	14.8±0.2	1.08 ± 0.02	15.5 ± 0.2
*Virginia Slims Lights 120's 120FMHP	14.9±0.2	1.08 ± 0.01	14.9 ± 0.2
St. Moritz Menthol 100FMSP	14.9±0.3	0.96 ± 0.01	17.1±0.4
Virginia Slims 100FMSP	15.1±0.3	1.06 ± 0.03	13.9 ± 0.3
Dunhill International 100FHP	15.2±0.3	1.39 ± 0.03	17.6 ± 0.3
Virginia Slims 100FSP	15.3±0.2	1.07 ± 0.02	13.8 ± 0.3
Century 25's (25) KFSP	15.3±0.3	0.99 ± 0.02	17.8 ± 0.3
Viceroy KFSP	15.3±0.3	0.97 ± 0.02	14.5 ± 0.3
Benson & Hedges KFHP	15.4±0.2	1.26 ± 0.02	12.6 ± 0.3
Raleigh KFSP	155+04	0.97 ± 0.03	14.7±0.3
Raleigh 100's 100FSP	15.5±0.3	0.99 ± 0.02	16.0±0.3
Camel Filters KFSP	156+03	1.01±0.02	15.4±0.2
Newport KFMHP	15.7±0.2	1.17±0.02	16.5±0.3
Craven "A" KFHP	158+04	1.15±0.02	16.3 ± 0.4
Viceroy Super Long 100's 100FSP	150+03	1.14±0.02	15.1±0.3
Alcerdy Super Long 100 2 1001.21	150+03	1.04 ± 0.02	16.7±0.3
Salem KFMSP	16.0+0.3	1.16±0.02	16.3 ± 0.4
Richland 100's (25) 100FMSP	0.0±0.0 1 0 ± 0 A	1.12 ± 0.03	16.4±0.4
Kool KFMHP	16.2±0.4	1.09 ± 0.02	15.6±0.3
Richland (25) KFMSP	162403	1.13 ± 0.02	16.0 ± 0.3
Richland 20's KFSP	16.4±0.4	1.13 ± 0.02 1.05 ± 0.02	16.1±0.3
Richland 20's KFMSP	10.4±0.4	1.05±0.02 1.18±0.03	13.6±0.3
Malibu Filters KFSP	10.4±0.3		16.3±0.4
Marlboro 100's Red 100FHP	10.4±0.3	1,19±0.02	10.5 ± 0.4 21.5 ± 0.4
More 120s 120FSP	16.5±0.4	1.19 ± 0.02	
Marlboro 100's Red 100FSP	16.5±0.2	1.19 ± 0.02	17.0 ± 0.2
Richland 20's 100's 100FSP	16.6±0.3	1.23 ± 0.02	17.3±0.4
More 120s 120FMSP	16.6±0.3	1.28 ± 0.03	22.0 ± 0.5
Richland (25) KFSP	16.6±0.3	1.18 ± 0.02	15.8±0.2
Kool Super Longs 100's 100FMSP	16.6±0.3	1.25 ± 0.02	17.0±0.3
Richland 20's Menthol 100's 100FMSP	16.6±0.3	1.15 ± 0.02	17.1 ± 0.3
Philip Morris International 100FHP	16.6±0.3	1.15 ± 0.02	15.6±0.4
Winston KFHP	16.6±0.2	1.06 ± 0.02	16.9 ± 0.3
Kool KFMSP	16.7±0.3	1.14 ± 0.02	16.8 ± 0.3
Camel Filters KFHP	16.7±0.3	1.06 ± 0.02	16.6 ± 0.3
Salem 100's 100FMSP	16.8±0.2	1.19 ± 0.02	16.1 ± 0.3
Old Gold Filters KFSP	16.8±0.4	1.24 ± 0.02	18.1 ± 0.3
			

^{*}Retested brand

	"Tar"	"Nicotine"	CO
Brand	mg/cig	mg/cig	mg/cig
Philip Morris International 100FMHP	16.8±0.3	1.08 ± 0.02	16.2 ± 0.4
Winston 100's 100FSP	16.8±0.3	1.06 ± 0.02	18.6 ± 0.3
Marlboro KFHP	16.8 ± 0.2	1.14 ± 0.02	15.2±0.3
Marlboro 100's 100FHP	16.8±0.3	1.22 ± 0.03	16.9 ± 0.6
Pall Mall 100's 100FSP	16.8±0.2	1.28 ± 0.02	17.1 ± 0.3
Richland 100's (25) 100FSP	16.9±0.2	1.28 ± 0.02	17.3 ± 0.4
Marlboro 100's 100FSP	16.9±0.3	1.22 ± 0.02	16.5 ± 0.4
Winston KFSP	16.9±0.2	1.13 ± 0.02	16.3 ± 0.2
Cambridge Full Flavor KFSP	17.0±0.2	1.09 ± 0.01	16.1 ± 0.3
*Benson & Hedges 100's 100FMSP	17.0±0.4	1.20 ± 0.02	16.4 ± 0.3
*Alpine KFMSP	17.0±0.3	1.14 ± 0.02	16.5 ± 0.2
*Marlboro KFMSP	17.0±0.3	1.18 ± 0.01	15.3 ± 0.2
Max 120s 120FSP	17.1±0.3	1.34 ± 0.03	17.7 ± 0.4
Newport KFMSP		1.26 ± 0.02	18.3 ± 0.5
Malibu Menthol KFMSP	17.1+0.3	1.24 ± 0.02	14.8 ± 0.2
Newport 25's KFMSP	171+04	1.28±0.02	18.2 ± 0.4
Marlboro 25's KFSP	172+04	1.13 ± 0.02	15.9 ± 0.3
Max 120s 120FMSP	172+02	1.38±0.03	17.0 ± 0.5
Max 120s 120s Most	172+02	1.17±0.02	16.0 ± 0.3
Cambridge Full Flavor 100's 100FSP	172+0.2	1.20 ± 0.03	17.0±0.4
*Benson & Hedges 100's 100FHP	172±0.3	1.22±0.02	16.4±0.4
*Benson & Hedges 100's 100FSP	17.2±0.4	1.22±0.01	17.2±0.3
*Benson & Hedges 100's 100FMHP	17 A±0.7	1.17 ± 0.02	16.9±0.4
Marlboro KFSP	17.4±0.2	0.92±0.01	19.6±0.4
Doral Full Flavor KFSP	17.4±0.2	1.13 ± 0.02	20.9 ± 0.5
Century 25's 100's 100FSP	17.5±0.3	1.06 ± 0.01	18.7±0.3
Camel Filters 100's 100FSP	100±0.2	1.57 ± 0.03	16.5±0.5
Tall 120s 120FMSP	18.U±V.3	1.51±0.03	13.6±0.3
Craven "A" Filter Standard Size RFHP	18.0±0.4	1.46±0.02	19.4±0.4
Newport 100's 100FMHP	19.Z±0.Z		19.0±0.2
Spring 100's 100FMSP	19.3±0.2	1.49±0.03	19.4±0.4
Newport 100's 100FMSP	19.3±0.3	1.47±0.03	19.4±0.4 22.5±0.7
Rothmans KFHP	19.4±0.4	1.34 ± 0.02	19.8±0.7
Newport 25's 100FMSP	19.5±0.3	1.48±0.02	
Old Gold Filter 100's 100FSP	19.7±0.3	1.50 ± 0.03	19.6±0.4
Chesterfield RNFSP	20.0±0.5	1.30 ± 0.03	13.3 ± 0.4
Tall 120s 120FSP	20.4±0.3	1.64 ± 0.03	20.2±0.4
Kool RNFMSP	21.5±0.8	1.36 ± 0.03	14.5±0.2
Camel RNFSP	22.0 ± 0.3	1.39 ± 0.02	14.2 ± 0.4
English Ovals KNFHP	23.8±0.6	1.87 ± 0.04	15.6 ± 0.5
Raleigh KNFSP	23.8±0.5	1.40 ± 0.03	16.6 ± 0.4
Chesterfield KNFSP	24.2±0.5	1.65 ± 0.04	15.3 ± 0.5
Lucky Strike RNFSP	24.4±0.5	1.52 ± 0.02	16.5 ± 0.3
Pall Mall 25's KNFSP	24.7±0.3	1.64 ± 0.03	16.5 ± 0.3
Pall Mall KNFSP	24.9±0.3	1.64 ± 0.02	16.6 ± 0.4
Herbert Tareyton KNFSP	25.1±0.9	1.58 ± 0.03	17.8 ± 0.4
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^{*}Retested brand

"Tar" mg/cig	"Nicotine" mg/cig	CO mg/cig
25.2±0.4	1.74±0.03	15.9±0.4
26.3±0.5	1.61±0.03	16.2±0.5 18.7±0.5
	mg/cig 25.2±0.4 26.3±0.5	mg/cig mg/cig 25.2±0.4 1.74±0.03

Brand	"Nicotine" mg/cig	"Tar" mg/cig	CO mg/cig
	40.0¢	<0.5	<0.5
Carlton KFHP	<0,05	<0.5	<0.5
Now KFHP		<0.5 <0.5	<0.5 <0.5
Now 100s 100FHP		10.0	<0.5 1.4±0.1
Carlton KFMSP		0.6±0.1	
Carlton 100's 100FMHP		0.6±0.1	1.0 ± 0.1
Carlton 100's 100FHP		0.7 ± 0.1	1.1±0.1
Now KFMSP		1.1±0.1	2.3±0.1
Now KFSP		1.0 ± 0.1	2.3±0.1
Carlton KFSP	0.15±0.01	1.3±0.1	2.4±0.1
Now 100s 100FSP	0.21±0.01	1.9±0.1	3.1±0.2
Kool Ultra KFMSP		2.2±0.2	2.7±0.2
Now 100s 100FMSP		2.5±0.1	4.3 ± 0.2
Triumph KFSP	0.32±0.02	3.1±0.1	3.8±0.2
Triumph KFMSP	0.34±0.02	3.5±0.2	4.3±0.2
Carlton 100's 100FSP		3.4±0.1	4.6±0.2
Kent III KFSP		3.4±0.2	4.3±0.2
Cambridge Ultra Low Tar 100's 100FSP		4.7 ± 0.2	6.6 ± 0.3
Merit Ultra Lights KFMSP	0.42±0.01	4.5 ± 0.1	5.9 ± 0.2
Carlton 100's 100FMSP		4.5 ± 0.1	6.4 ± 0.2
Salem Ultra Lights KFMSP	0.43±0.01	4.9 ± 0.1	7.7 ± 0.2
Merit Ultra Lights KFSP	0.43±0.01	4.4 ± 0.2	5.5 ± 0.2
Tareyton Lights KFSP	0.44±0.01	5.2 ± 0.2	6.0 ± 0.2
Bright 100s 100FMSP	0.44±0.01	6.0 ± 0.1	10.3 ± 0.3
Benson & Hedges Deluxe Ultra Lights 100's 100FHP.	0.44±0.02	5.0 ± 0.2	6.2 ± 0.3
Kent III 100s 100FSP	0.45±0.01	4.7 ± 0.2	6.6 ± 0.3
Kool Ultra 100's 100FMSP		5.0 ± 0.3	5.2 ± 0.3
Salem Ultra Lights 100's 100FMSP	0.45±0.01	5.1 ± 0.1	8.0 ± 0.2
Winston Ultra Lights KFSP	0.46±0.01	5.5 ± 0.2	8.5 ± 0.2
True KFMSP	0.46 \pm 0.02	4.9 ± 0.3	6.1 ± 0.4
Benson & Hedges Deluxe Ultra Lights 100's 100FMH	P0.47±0.01	5.2 ± 0.1	6.2 ± 0.2
Winston Ultra Lights 100's 100FSP	0.47 ± 0.02	5.3±0.2	9.0 ± 0.3
Vantage Ultra Lights KFSP	0.47±0.01	5.5±0.1	8.0 ± 0.2
True KFSP	0.48±0.02	5.1±0.2	6.4 ± 0.3
Doral Ultra Lights 100's 100FSP		6.7 ± 0.3	11.7 ± 0.5
Triumph 100s 100FSP		5.3±0.3	7.4±0.4
Vantage Ultra Lights 100s 100FSP	0.50+0.01	5.8±0.1	9.5±0.2
Kent III 100s 100FHP	0.50±0.03	5.0±0.2	6.8±0.3
Merit Ultra Lights 100's 100FSP		5.3 ± 0.1	7.4 ± 0.2
Triumph 100s 100FMSP		5.4 ± 0.2	7.5 ± 0.2
Merit Ultra Lights 100's 100FMSP		6.0 ± 0.2	8.2±0.3
		7.7 ± 0.2	10.0±0.3
Merit KFMSP	020 ± 0.01 0. €0 ± 0.01	7.6 ± 0.2	9.8±0.3
Merit KFSP		7.8±0.2 7.8±0.2	9.8±0.3
Merit KFHP		8.3±0.2	12.7±0.3
Vantage Menthol 100s 100FMSP		6.7±0.4	7.3±0.5
True 100's 100FMSP		6.7±0.4 6.7±0.3	7.4±0.4
True 100's 100FSP		6.7±0.3 6.2±0.2	7.4±0.4 5.5±0.2
Carlton 120's 120FMSP	,	0.ZIU,Z	شد⊍ت لادل

Brand	"Nicotine" mg/cig	"Tar" mg/cig	CO mg/cig
Carlton 120's 120FSP		6.5 ± 0.2	5.6 ± 0.2
Vantage 100s 100FSP		8.8 ± 0.2	12.5 ± 0.3
Winston Lights KFHP		9.7 ± 0.2	11.7 ± 0.3
Doral Menthol Lights KFMSP		11.7 ± 0.2	14.0 ± 0.2
Magna Lites KFSP	0.64±0.01	9.1 ± 0.2	13.7 ± 0.2
Camel Lights KFHP		9.9 ± 0.2	11.8 ± 0.3
Camel Lights KFSP		8.8 ± 0.2	11.3 ± 0.3
Belair 100's 100FMSP		8.8 ± 0.2	9.1 ± 0.2
Doral Lights KFSP		12.1 ± 0.3	14.5 ± 0.4
Tareyton Long Lights 100FSP	0.68±0.01	8.1 ± 0.2	8.8 ± 0.3
Lucky Strike Lights KFSP	0.68 ± 0.02	8.4 ± 0.3	10.2 ± 0.3
Virginia Slims Lights 100FMHP	0.69 ± 0.02	8.5 ± 0.2	9.2 ± 0.2
Kool Lights KFMSP	0.69±0.02	8.2 ± 0.2	9.0 ± 0.2
Vantage KFMSP	0.69±0.01	10.0 ± 0.2	12.5 ± 0.3
More Lights 100s 100FMHP	0.69±0.03	9.0 ± 0.3	10.2 ± 0.3
Century 25's Lights (25) KFSP		9.7 ± 0.2	11.8 ± 0.3
Virginia Slims Lights 100FHP		8.8 ± 0.2	9.3±0.3
Doral Lights 100's 100FSP		11.3 ± 0.3	12.9 ± 0.3
Parliament Lights KFSP		9.1 ± 0.2	10.4 ± 0.2
Players Lights 25's KFMSP		10.0 ± 0.2	11.1 ± 0.4
Parliament Lights KFHP		9.5 ± 0.2	10.3 ± 0.4
Players Lights 25's KFSP		10.0 ± 0.2	11.1 ± 0.2
Salem Lights KFMSP		9.8 ± 0.2	12.6 ± 0.2
Winston Lights 100's 100FHP	0.72±0.02	9.9 ± 0.2	11.8±0.3
Falcon Lights 100's 100FMSP		8.9 ± 0.2	11.0 ± 0.3
Capri 100FMHP		8.9 ± 0.2	6.0 ± 0.2
Kool Lights 100's 100FMSP	0.73±0.01	8.5±0.2	10.0 ± 0.3
Doral Menthol Lights 100's 100FMSP		12.1±0.3	13.7±0.3
Dunhill International Superior Mild 100FHP		8.4±0.2	10.5 ± 0.2
Newport Lights KFMHP		8.6±0.2	9.5±0.3
Salem Lights 100's 100FMSP		9.3±0.3	11.1±0.4
Lucky Strike Lights 100's 100FSP		8.9 ± 0.2	10.0 ± 0.3
Kent Golden Lights KFSP		8.5±0.2	9.6±0.3
Newport Lights KFMSP		8.3±0.3	9.1±0.3
Winston Lights KFSP		10.7±0.2	13.2±0.3
Kent Golden Lights KFMSP		8.3±0.3	9.1±0.4
Vantage KFSP		10.5±0.2	13.5±0.3
Malibu Lights 100's 100FSP		9.1±0.2	10.6±0.4
		9.1±0.2 9.3±0.2	10.0 ± 0.4 11.4 ± 0.2
Newport Stripes Slim Lights 100FMHP		9.5±0.2 9.5±0.2	
Salem Slim Lights 100's 100FMHP			10.2±0.3
Marlboro Lights KFMSP		9.9±0.2	10.4±0.3 ·
Falcon Lights KFSP		11.2±0.2	11.2±0.3
Merit 100's 100FMSP		10.1±0.2	12,0±0.3
Ritz 100 100FHP		10.4±0.3	11.5±0.4
Falcon Lights KFMSP		10.2±0.3	11.9 ± 0.4
Capri 100FHP		9.2±0.2	6.4±0.2
Marlboro Lights KFMHP		10.2 ± 0.2	11.2±0.3

Brand	"Nicotine" mg/cig	"Tar" mg/cig	CO mg/cig
	0.50 + 0.00	100.00	107±03
More Lights 100s 100FHP	0.78±0.02	10.0 ± 0.2	10.7±0.3 9.7±0.4
Kent Golden Lights KFHP	0.78±0.02	8.8±0.3 10.2±0.2	10.8±0.3
Malibu Lights KFSP		10.2±0.2 11.2±0.2	10.6±0.3 12.4±0.3
Marlboro Lights 25's KFSP	0.80±0.02	10.0±0.2	11.8±0.3
Merit 100's 100FSP	0.80±0.02	7.8±0.2	6.3±0.2
L & M Long Lights 100FSP.		11.4±0.2	15.0 ± 0.3
Camel Lights 100's 100FSP	 0.01±0.01	9.3±0.2	10.9±0.3
Old Gold Lights KFSP	0.01 ± 0.02	11.4±0.2	13.4±0.3
Winston Lights 100's 100FSP	0.01±0.01 0.81±0.02	10.7 ± 0.2	12.0±0.2
Benson & Hedges Lights 100's 100FMSP	0.01 ± 0.02	10.7 ± 0.2 10.3 ± 0.3	10.7±0.3
Pall Mall Red Lights KFSP	0.01 ± 0.02	11.1±0.3	11.5±0.3
Ritz 100 100FMHP	0.01 ± 0.02	10.2 ± 0.2	11.2±0.4
Marlboro Lights 100's 100FHMP	0.01 ± 0.02	11.4±0.2	13.7±0.3
Players 25's Lights 100's 100FMSP	0.00 ± 0.01	11.9±0.2	12.3±0.2
Players KFMHP	0.02±0.01	11.9±0.2 11.0±0.2	12.5±0.2 12.4±0.3
Marlboro Lights KFHP	0.02±0.02	11.0±0.2 11.2±0.2	12.2±0.3
Marlboro Lights KFSP	0.02 ±0.02	10.7 ± 0.2	12.2 ± 0.3 13.0 ± 0.3
Benson & Hedges Lights 100's 100FSP	0.02 ± 0.02	9.0±0.3	9.5±0.4
Newport Lights 100's 100FMSP	0.03±0.02 0.03±0.03	9.0±0.3 11.7±0.2	12.2±0.2
Players KFHP		11.7 ± 0.2 11.9 ± 0.2	12.1 ± 0.2
Cambridge Lights KFMSP		11.9±0.2 14.8±0.2	17.2±0.3
Doral Full Flavor 100's 100FSP	0.84±0.01	14.8±0.2 11.5±0.2	13.2±0.3
Century 25's Menthol Lights 100's 100FMSP			9.9±0.3
Newport Lights 100's 100FMHP		9.2 ± 0.3 10.7 ± 0.2	9.9±0.3 9.8±0.2
Belair KFMSP	0.04 + 0.02	10.7±0.2 10.3±0.2	12.0±0.3
Pall Mall Lights 100's 100FSP	U.84±0.02	10.3±0.2 12.3±0.2	12.7±0.3
Cambridge Lights KFSP	0.85 ± 0.01		12.7±0.3 12.3±0.3
Marlboro Lights 100's 100FHP	0.85±0.02	10.8±0.2	13.0±0.4
Marlboro Lights 100's 100FSP		11.0±0.2	13.0±0.4 10.0±0.3
Kent Golden Lights 100s 100FMSP	0.85±0.02	9.3±0.2	
Benson & Hedges Multifilter KFSP		11.2±0.3	10.8±0.2
Falcon Lights 100's 100FSP	0.85±0.02	12.1±0.2	14.8±0.4
Marlboro Lights 100's 100FMSP	0.86±0.01	10.9±0.1	12.0±0.3
Kent KFHP		11.3±0.2	12.9±0.3
Cambridge Lights 100's 100FMSP	0.86±0.01	11.9±0.2	14.6±0.4
Salem Lights 100's 100FMHP	0.86±0.02	11.3 ± 0.2	11.6±0.2
Players 25's Lights 100's 100FSP	0.86±0.02	11.9 ± 0.3	14.1±0.4
Kent Golden Lights 100s 100FSP		9.6±0.3	10.5±0.4
Cambridge Lights 100's 100FSP	0.87 \pm 0.02	12.0 ± 0.2	14.5 ± 0.4
Raleigh Lights KFSP	0.87 \pm 0.02	11.4 ± 0.2	13.1 ± 0.3
Pall Mall Red Lights 100's 100FSP	0.88 ± 0.02	11.1 ± 0.2	12.2±0.4 ·
Viceroy Lights KFSP	0.88 \pm 0.02	11.3±0.3	13.1±0.3
Kool Milds KFMHP		11.6 ± 0.3	11.3±0.3
Kent KFSP		12.0 ± 0.2	13.9±0.3
Century 25's Lights 100's 100FSP		11.9 ± 0.3	13.4±0.3
Richland Lights (25) KFSP		11.5 ± 0.2	12.7±0.3
Lucky Strike KFSP	0.89±0.02	11.8±0.3	12.6±0.3

Brand	"Nicotine" mg/cig	"Tar" mg/cig	CO mg/cig
	0.00 + 0.00	10.1 + 0.2	14.2±0.4
Richland 20's Lights 100's 100FSP	0.90±0.02	12.1±0.2 14.1±0.3	14.2 ± 0.4 16.3 ± 0.4
Magna KFHP	0.90±0.01	14.1±0.3 11.7±0.3	13.5±0.4
Richland 20's Lights KFSP	0.90±0.02		11.7±0.3
Silva Thins Menthol 100FMHP	0.90±0.01	11.1±0.2	17.0±0.3
Old Gold Lights 100s 100FSP	0.91±0.02	12.3 ± 0.2 11.9 ± 0.2	17.0±0.3 12.9±0.3
American Lights KFSP	0,91±0.02		16.5±0.2
Newport Stripes 100FMHP	0.91±0.02	12.2±0.2 13.9±0.2	14.9±0.2
Magna KFSP	0.91±0.02		11.2±0.4
Kent Golden Lights 100s 100FHP	0.91±0.02	10.2±0.2	14.1±0.3
Viceroy Lights 100's 100FSP	0.92±0.02	11.9±0.2	19.6±0.4
Doral Full Flavor KFSP	0.92±0.01	17.4±0.2	
Lucky Strike KFHP	0.92±0.02	12.1±0.2	12.8±0.4
Kool Milds KFMSP	0.93±0.02	12.3±0.3	13.1±0.3 14.3±0.3
Raleigh Lights 100's 100FSP	0.94±0.0Z	12.2±0.3	
Malibu Menthol 100's 100FMSP	0.94±0.02	11.6±0.2	12.5±0.3
Newport Stripes 100FHP	0.94±0.02	12.3±0.3	16.6±0.4
Richland Lights (25) 100's 100FSP	0.94±0.02	12.4±0.2	14.0±0.2
Parliament Lights 100's 100FSP	0.95±0.02	12.0 ± 0.2	12.7±0.2
Kool Milds 100's 100FMSP	0.95±0.02	12.0 ± 0.3	12.6 ± 0.4
St. Moritz Menthol 100FMSP	0.96±0.01	14.9 ± 0.3	17.1 ± 0.4
Dunhill Menthol Mild 100FMHP	0.96 \pm 0.02	10.4 ± 0.2	12.5 ± 0.2
Lucky Strike Menthol 100's 100FMSP	0.96±0.02	11.8 ± 0.1	12.3 ± 0.2
Lucky Strike Filters 100's 100FSP	0.96±0.02	11.9 ± 0.2	12.7 ± 0.2
Raleigh KFSP	0.97±0.03	15.5 ± 0.4	14.7 ± 0.3
Viceroy KFSP	0.97±0.02	15.3 ± 0.3	14.5 ± 0.3
Satin 100FSP	0.97 ± 0.02	11.4 ± 0.3	13.1 ± 0.4
Silva Thins Filters 100FHP	0.97 \pm 0.02	12.2 ± 0.2	12.5 ± 0.3
Satin 100FMSP	0.97±0.02	11.4 ± 0.3	13.3±0.4
Silva Thins 100FSP	0.98±0.02	11.7 ± 0.2	10.0 ± 0.2
More Lights 120s 120FSP	0.98±0.01	12.9 ± 0.2	20.2 ± 0.5
Tareyton KFSP	0.98±0.02	14.3±0.3	15.9 ± 0.3
Players 100's 100FMHP	0.98±0.02	14.0 ± 0.2	12.7 ± 0.3
Harley Davidson KFSP	0.98±0.02	14.1 ± 0.3	16.3 ± 0.4
Players 100's 100FHP	0.98 ± 0.02	13.9 ± 0.2	12.9 ± 0.3
Century 25's (25) KFSP	0.99 ± 0.02	15.3 ± 0.3	17.8 ± 0.3
More Lights 120s 120FMSP	0.99+0.03	12.2±0.4	19.6±0.5
Raleigh 100's 100FSP	0.99±0.02	15.5±0.3	16.0 ± 0.3
Eve Slim Lights 100's 100FMHP	1.00+0.02	12.6±0.3	10.8 ± 0.3
Eve Slim Lights 100's 100FMHP	1.00 ± 0.02	15.6±0.3	15.4 ± 0.2
Camel Filters KFSP	1.02 ± 0.02	13.6±0.3	12.6 ± 0.3
Pall Mall Red Filters KFSP	1.02 ± 0.02	13.6±0.3	14.7±0.4
Kent 100s 100FSP	1.02±0.02	14.1±0.2	16.8±0.4
Tareyton 100's 100FSP	1.02±0.02	13.6±0.2	15.5±0.4
Rothmans Special Mild KFHP	1.03 ± 0.02	12.8±0.2	11.0 ± 0.2
Eve Slim Lights 100's 100FHP	1.03 ± 0.02		13.3±0.3
Lark Lights KFSP	1.03±0.02	13.4±0.3	15.5±0.3 16.7±0.3
Salem KFMSP	L.04±0.02	15.9±0.3	16.7±0.3 14.4±0.3
Kent 100s 100FMSP	1.04±0.01	14.0 ± 0.2	14.4700

Brand	"Nicotine" mg/cig	"Tar" mg/cig	CO mg/cig
	21 9	- 0/ - 8	
Richland 20's KFMSP	1.05±0.02	16.4 ± 0.4	16.1±0.3
Silva Thins Menthol 100FMSP	1.05±0.02	12.3 ± 0.3	10.5 ± 0.3
Camel Filters 100's 100FSP	1.06±0.01	17.5 ± 0.2	18.7 ± 0.3
Winston 100's 100FSP	1.06±0.02	16.9 ± 0.2	18.6±0.3
Virginia Slims 100FMSP		15.1 ± 0.3	13.9 ± 0.3
Camel Filters KFHP	1.06±0.02	16.8 ± 0.2	16.6 ± 0.3
Winston KFHP		16.8 ± 0.3	16.9 ± 0.3
L & M 30's Lights 100's 100FSP	1.06 \pm 0.02	12.6 ± 0.3	10.7 ± 0.3
Saratoga 120's 120FMHP	1.07±0.02	14.7±0.3	14.8 ± 0.4
Saratoga 120's 120FHP	1.07±0.02	14.7 ± 0.2	14.8±0.3
Virginia Slims 100FSP	1.07 \pm 0.02	15.3±0.2	13.8 ± 0.3
Pall Mall Red Filters 100's 100FSP	1.07±0.02	13.8 ± 0.3	14.0±0.2
American Lights 100's 100FSP	1.08±0.01	13.3 ± 0.2	13.9 ± 0.2
*Virginia Slims Lights 120's 120FMHP	1.08±0.01	14.9 ± 0.2	14.9±0.2
L & M KFSP	1.08±0.02	13.7±0.2	12.9±0.3
St. Moritz Filter 100s 100FSP	1.08 ± 0.02	14.9±0.2	15.5±0.2
Philip Morris International 100FMHP	1.08±0.02	16.9±0.2	16.2±0.4
Pall Mall Light 100's Low Tar 100FMSP		13.3±0.2	13.1±0.3
Richland (25) KFMSP		16.2±0.3	15.6±0.3
Cambridge Full Flavor KFSP	1.09+0.01	17.1±0.3	16.1±0.3
*Virginia Slims Lights 120's 120FHP	1.09+0.02	14.8±0.2	15.2±0.3
Malibu 100's 100FSP	1 10+0.02	13.9±0.3	13.4±0.3
Lark KFSP		14.3±0.3	13.3±0.3
L & M Super 100 100FSP		13.9±0.2	14.2±0.3
Kool KFMHP		16.2±0.4	16.4±0.4
Eve Lights 120's 120FHP	1 12 ± 0.03	13.0±0.4	10.4±0.4 11.6±0.5
Richland 20's KFSP	1 12 ± 0.03	16.3±0.3	16.0±0.3
Marlboro 25's KFSP	1 12 ± 0.02	17.2±0.3	
Winston KFSP			15.9±0.3
Century 25's 100's 100FSP	1.13 ± 0.02	17.1±0.3	16.3±0.2
		17.5±0.3	20.9±0.5
*Alpine KFMSP	1.14±0.02	17.1±0.2	16.5±0.2
Viceroy Super Long 100's 100FSP		15.9±0.3	15.1±0.3
Marlboro KFHP	1.14±0.02	17.0±0.2	15.2±0.3
Kool KFMSP		16.8±0.3	16.8 ± 0.3
Philip Morris International 100FHP		16.8 ± 0.4	15.6±0.4
Lark Light 100's 100FSP	1.15 \pm 0.03	13.9 ± 0.3	14.5±0.5
Richland 20's Menthol 100's 100FMSP		16.7 ± 0.3	17.1±0.3
Craven "A" KFHP	1.15 ± 0.02	15.8 ± 0.4	16.3 ± 0.4
Richland 100's (25) 100FMSP	1.16 \pm 0.02	16.0 ± 0.3	16.3 ± 0.4
Eve Lights 120's 120FMHP	1.17 ± 0.02	13.5 ± 0.2	12.0 ± 0.3
Cambridge Full Flavor 100's 100FSP	1.17±0.02	17.2 ± 0.3	16.0 ± 0.3
Marlboro KFSP	1.17±0.02	17.4 ± 0.2	16.9 ± 0.4
Newport KFMHP	1.17 ± 0.02	15.7 ± 0.2	16.5 ± 0.3
Richland (25) KFSP	1.18 ± 0.02	16.6 ± 0.2	15.8 ± 0.2
Malibu Filters KFSP	1.18±0.03	16.4 ± 0.3	13.6 ± 0.3

^{*}Retested brand

Brand	"Nicotine" mg/cig	"Tar" mg/cig	CO mg/cig
		454.00	450.00
*Marlboro KFMSP		17.1 ± 0.3	15.3±0.2
Marlboro 100's Red 100FSP	1.19±0.02	16.5±0.2	17.0±0.2
Dunhill Menthol 100FMHP	1.19±0.02	14.2±0.3	17.0±0.4
Mariboro 100's Red 100FHP	1.19±0.02	16.4±0.3	16.3 ± 0.4
Salem 100's 100FMSP	1.19±0.02	16.8±0.3	16.1±0.3
More 120s 120FSP		16.5±0.4	21.5±0.4
*Benson & Hedges 100's 100FMSP	1.20±0.02	17.1±0.2	16.4±0.3
*Benson & Hedges 100's 100FHP	1.20±0.03	17.3±0.2	17.0±0.4
Marlboro 100's 100FSP	1.22±0.02	17.1±0.3	16.5±0.4
*Benson & Hedges 100's 100FMHP	1.22±0.01	17.4±0.2	17.2±0.3
Lark 100FSP	1.22±0.02	14.7±0.2	14.0±0.2
Marlboro 100's 100FHP	1.22±0.03	17.0 ± 0.4	16.9±0.6
*Benson & Hedges 100's 100FSP	1.22±0.02	17.3 ± 0.2	16.4±0.4
Richland 20's 100's 100FSP	1.23±0.02	16.6±0.3	17.3±0.4
Malibu Menthol KFMSP	1.24±0.02	17.2 ± 0.2	14.8±0.2
Old Gold Filters KFSP	1.24 ± 0.02	16.8 ± 0.2	18.1±0.3
Kool Super Longs 100's 100FMSP	1.25±0.02	16.7 ± 0.3	17.0±0.3
Newport KFMSP	1.26 \pm 0.02	17.2 ± 0.4	18.3 ± 0.5
Benson & Hedges KFHP	1.26 \pm 0.02	15.4 ± 0.2	12.6 ± 0.3
Pall Mall 100's 100FSP	1.28±0.02	17.0 ± 0.3	17.1 ± 0.3
Richland 100's (25) 100FSP	1.28±0.02	17.0 ± 0.3	17.3 ± 0.4
Newport 25's KFMSP	1.28±0.02	17.2 ± 0.2	18.2 ± 0.4
More 120s 120FMSP	1.28±0.03	16.6 ± 0.3	22.0 ± 0.5
Chesterfield RNFSP	1.30±0.03	20.0 ± 0.5	13.3 ± 0.4
Max 120s 120FSP	1.34±0.03	17.1 ± 0.4	17.7 ± 0.4
Rothmans KFHP	1.34±0.02	19.4 ± 0.4	22.5 ± 0.7
Kool RNFMSP	1.36±0.03	21.5 ± 0.8	14.5±0.2
Max 120s 120FMSP	1.38±0.03	17.2 ± 0.4	17.0 ± 0.5
Dunhill International 100FHP	1.39±0.03	15.2±0.3	17.6 ± 0.3
Camel RNFSP		22.0 ± 0.3	14.2 ± 0.4
Raleigh KNFSP	1.40±0.03	23.8±0.5	16.6±0.4
Newport 100's 100FMHP	1.46±0.02	19.2±0.2	19.4 ± 0.4
Newport 100's 100FMSP	1.47±0.03	19.3 ± 0.3	19.4±0.4
Newport 25's 100FMSP	1.48±0.02	19.5±0.3	19.8±0.3
Spring 100's 100FMSP	1 49±0.03	19.3±0.2	19.0±0.2
Old Gold Filter 100's 100FSP	1 50 ÷ 0.03	19.7 ± 0.3	19.6±0.4
Craven "A" Filter Standard Size RFHP	1.51 ± 0.03	18.6±0.4	13.6±0.3
Lucky Strike RNFSP	1.52±0.02	24.4±0.5	16.5±0.3
Tall 120s 120FMSP	1.57+0.03	18.0 ± 0.3	16.5±0.5
		25.1±0.9	17.8±0.4
Herbert Tareyton KNFSP	1 61 +0.03	26.3±0.5	16.2±0.5
Philip Morris Commander KNFSP	1.64±0.03	24.9±0.3	16.6±0.4
Pall Mall KNFSP	1 64 ± 0.02	24.9 ± 0.3 20.4 ± 0.3	20.2±0.4
Tall 120s 120FSP	1.04 ± 0.03	24.7±0.3	16.5 ± 0.3
Pall Mall 25's KNFSP	CV.U ± P Q.↓ NO O ± ₹ λ 1	24.7±0.5 24.2±0.5	15.3±0.5
Chesterfield KNFSP	1.05±0.04	L^{\uparrow} , $L = U$, J	11 (J V)

^{*}Retested brand

Brand	"Nicotine" mg/cig	"Tar" mg/cig	CO mg/cig
Players RNFHP	1.74±0.03	25.2±0:4	15.9±0.4
English Ovals KNFHP	1.87 ± 0.04	23.8±0.6 26.9±0.6	15.6±0.5 18.7±0.5

Brand	CO mg/cig	"Tar" mg/cig	"Nicotine" mg/cig
Carlton KFHP	-0.5	<0.5	<0.05
		<0.5	< 0.05
Now KFHP		<0.5	<0.05
Now 100s 100FHP		0.6±0.1	0.10±0.01
Carlton 100's 100FMHP		0.7 ± 0.1	0.10 ± 0.01 0.10 ± 0.01
Carlton 100's 100FHP.		0.7 ± 0.1 0.6 ± 0.1	0.09±0.01
Carlton KFMSP		1.0 ± 0.1	0.14±0.01
Now KFSP		1.0 ± 0.1 1.1 ± 0.1	0.14 ± 0.01 0.13 ± 0.01
		1.3 ± 0.1	0.15±0.01
Carlton KFSP		2.2±0.2	0.21±0.02
Kool Ultra KFMSP		1.9 ± 0.1	0.21±0.02 0.21±0.01
Now 100s 100FSP	3.1 ± 0.2	3.1 ± 0.1	0.32±0.02
Triumph KFSP	3.8±0.2	2.5±0.1	0.32±0.02 0.26±0.01
Now 100s 100FMSP	4.3 ± U.Z	2.5 ± 0.1 3.5 ± 0.2	0.20 ± 0.01 0.34 ± 0.02
Triumph KFMSP		=	0.35±0.02
Kent III KFSP	4.3±0.2	3.4±0.2	
Carlton 100's 100FSP		3.4±0.1	0.35±0.01
Kool Ultra 100's 100FMSP		5.0±0.3	0.45±0.02
Carlton 120's 120FMSP		6.2±0.2	0.62±0.03
Merit Ultra Lights KFSP	5.5 ± 0.2	4.4 ± 0.2	0.43±0.01
Carlton 120's 120FSP		6.5 ± 0.2	0.62±0.02
Merit Ultra Lights KFMSP		4.5 ± 0.1	0.42 ± 0.01
Tareyton Lights KFSP	6.0±0.2	5.2 ± 0.2	0.44 ± 0.01
Capri 100FMHP	6.0±0.2	8.9 ± 0.2	0.73 ± 0.02
True KFMSP	6.1±0.4	4.9 ± 0.3	0.46±0.02
Benson & Hedges Deluxe Ultra Lights 100's 100FHP	6.2±0.3	5.0 ± 0.2	0.44 ± 0.02
Benson & Hedges Deluxe Ultra Lights 100's 100FMHP	6.2 ± 0.2	5.2 ± 0.1	0.47 ± 0.01
L & M Long Lights 100FSP		7.8 ± 0.2	0.80 ± 0.02
Capri 100FHP	6.4±0.2	9.2 ± 0.2	0.78 ± 0.02
Carlton 100's 100FMSP	6.4±0.2	4.5 ± 0.1	0.42 ± 0.01
True KFSP		5.1 ± 0.2	0.48±0.02
Kent III 100s 100FSP		4.7 ± 0.2	0.45 ± 0.01
Cambridge Ultra Low Tar 100's 100FSP		4.7 ± 0.2	0.41 ± 0.01
Kent III 100s 100FHP		5.0 ± 0.2	0.50 ± 0.03
True 100's 100FMSP		6.7 ± 0.4	0.61 ± 0.03
Triumph 100s 100FSP		5.3±0.3	0.50 ± 0.02
Merit Ultra Lights 100's 100FSP	74+02	5.3±0.1	0.50 ± 0.01
True 100's 100FSP	74+04	6,7±0,3	0.61±0.02
Triumph 100s 100FMSP.		5.4±0.2	0.52±0.01
		4.9±0.1	0.32 ± 0.01
Salem Ultra Lights KFMSP			0.45 ± 0.01
Vantage Ultra Lights KFSP	ŏ.U±U.∠ ŏ.	5.5±0.1	0.47 ± 0.01 0.45 ± 0.01
Salem Ultra Lights 100's 100FMSP		5.1±0.1	0.43 ± 0.01 0.53 ± 0.02
Merit Ultra Lights 100's 100FMSP	8.Z±0.3	6.0 ± 0.2	
Winston Ultra Lights KFSP	8.3±0.2	5.5±0.2	0.46 ± 0.01
Tareyton Long Lights 100FSP		8.1 ± 0.2	0.68±0.01
Winston Ultra Lights 100's 100FSP		5.3±0.2	0.47±0.02
Kool Lights KFMSP		8.2±0.2	0.69±0.02
Newport Lights KFMSP	9.1±0.3	8.3 ± 0.3	0.75 ± 0.02

Brand	CO mg/cig	"Tar" mg/cig	"Nicotine" mg/cig
			0.77 . 0.00
Kent Golden Lights KFMSP	9.1±0.4	8.3 ± 0.3	0.75±0.02
Belair 100's 100FMSP	9.1±0.2	8.8 ± 0.2	0.67±0.02
Virginia Slims Lights 100FMHP	9.2±0.2	8.5 ± 0.2	0.69±0.02
Virginia Slims Lights 100FHP	9.3±0.3	8.8 ± 0.2	0.70 ± 0.02
Vantage Ultra Lights 100s 100FSP	9.5±0.2	5.8 ± 0.1	0.50 ± 0.01
Newport Lights 100's 100FMSP	9.5±0.4	9.0 ± 0.3	0.83±0.02
Newport Lights KFMHP	9.5±0.3	8.6 ± 0.2	0.73 ± 0.02
Kent Golden Lights KFSP		8.5±0.2	0.74 ± 0.02
Kent Golden Lights KFHP	9.7±0.4	8.8±0.3	0.78 ± 0.02
Merit KFSP	9.8±0.3	7.6±0.2	0.59 ± 0.01
Belair KFMSP		10.7 ± 0.2	0.84 ± 0.01
Merit KFHP	9.8±0.2	7.8±0.2	0.60±0.01
Newport Lights 100's 100FMHP	9.9±0.3	9.2 ± 0.3	0.84 ± 0.02
Silva Thins 100FSP		11.7 ± 0.2	0.98 ± 0.02
Lucky Strike Lights 100's 100FSP		8.9 ± 0.2	0.74 ± 0.01
Merit KFMSP	10.0 ± 0.3	7.7 ± 0.2	0.58 ± 0.01
Kent Golden Lights 100s 100FMSP	10.0±0.3	9.3 ± 0.2	0.85 ± 0.02
Kool Lights 100's 100FMSP	10.0±0.3	8.5 ± 0.2	0.73 ± 0.01
More Lights 100s 100FMHP	10.2±0.3	9.0 ± 0.3	0.69 ± 0.03
Lucky Strike Lights KFSP	10.2±0.3	8.4 ± 0.3	0.68 ± 0.02
Salem Slim Lights 100's 100FMHP	10.2±0.3	9.5 ± 0.2	0.77 ± 0.02
Parliament Lights KFHP	10.3±0.4	9.5 ± 0.2	0.72 ± 0.02
Bright 100s 100FMSP	10.3±0.3	6.0 ± 0.1	0.44 ± 0.01
Parliament Lights KFSP	10.4±0.2	9.1 ± 0.2	0.71 ± 0.02
Marlboro Lights KFMSP	10.4±0.3	9.9±0.2	0.77 ± 0.01
Dunhill Int Superior Mild 100FHP	10.5±0.2	8.4 ± 0.2	0.73 ± 0.01
Silva Thins Menthol 100FMSP	10.5±0.3	12.3 ± 0.3	1.05 ± 0.02
Kent Golden Lights 100s 100FSP	10.5±0.4	9.6 ± 0.3	0.86 ± 0.02
Malibu Lights 100's 100FSP	10.6±0.4	9.1 ± 0.2	0.75 ± 0.02
L & M 30's Lights 100's 100FSP	10.7±0.3	12.6 ± 0.3	1.06 ± 0.02
More Lights 100s 100FHP	10.7±0.3	10.0 ± 0.2	0.78 ± 0.02
Pall Mall Red Lights KFSP	10.7±0.3	10.3 ± 0.3	0.81 ± 0.02
Malibu Lights KFSP	10.8±0.3	10.2 ± 0.2	0.79 ± 0.01
Eve Slim Lights 100's 100FMHP	10.8±0.3	12.6 ± 0.3	1.00 ± 0.02
Benson & Hedges Multifilter KFSP	10.8±0.2	11.2 ± 0.3	0.85 ± 0.02
Old Gold Lights KFSP	10.9 ± 0.3	9.3 ± 0.2	0.81 ± 0.02
Eve Slim Lights 100's 100FHP	11.0±0.2	12.8 ± 0.2	1.03 ± 0.02
Falcon Lights 100's 100FMSP	11.0±0.3	8.9 ± 0.2	0.73 ± 0.02
Players Lights 25's KFMSP	11.1±0.4	10.0 ± 0.2	0.71 ± 0.01
Players Lights 25's KFSP	11.1±0.2	10.0 ± 0.2	0.72 ± 0.02
Salem Lights 100's 100FMSP		9.3±0.3	0.74±0.02 ·
Falcon Lights KFSP	11.2±0.3	11.2 ± 0.2	0.77 ± 0.02
Kent Golden Lights 100s 100FHP	11.2±0.4	10.2 ± 0.2	0.91 ± 0.02
Marlboro Lights 100's 100FHMP	11.2±0.4	10.2 ± 0.2	0.81 ± 0.02
Marlboro Lights KFMHP	11.2±0.3	10.2±0.2	0.78 ± 0.02
Kool Milds KFMHP	11.3±0.3	11.6±0.3	0.88 ± 0.02
Camel Lights KFSP		8.8±0.2	0.65 ± 0.01
Amery Signer to At months			

Brand	CO mg/cig	"Tar" mg/cig	"Nicotine" mg/cig
of The HOOF STYP	11 4400	9.3±0.2	0.76±0.02
Newport Stripes Slim Lights 100FMHP	11.4±0.4		0.78±0.02
Ritz 100 100FHP		10.4±0.3 11.1±0.3	0.78±0.02 0.81±0.02
Ritz 100 100FMHP	11.5±0.5		
Eve Lights 120's 120FHP	11.6±0.5	13.0±0.4	1.12 ± 0.03
Salem Lights 100's 100FMHP	11.6±0.2	11.3±0.2	0.86 ± 0.02
Silva Thins Menthol 100FMHP		11.1±0.2	0.90 ± 0.01
Winston Lights KFHP	11.7±0.3	9.7±0.2	0.63 ± 0.01
Doral Ultra Lights 100's 100FSP		6.7±0.3	0.48±0.02
Camel Lights KFHP	11.8±0.3	9.9±0.2	0.64±0.01
Winston Lights 100's 100FHP	11.8±0.3	9.9 ± 0.2	0.72±0.02
Merit 100's 100FSP	11.8±0.3	10.0±0.2	0.80±0.02
Century 25's Lights (25) KFSP		9.7±0.2	0.70±0.02
Falcon Lights KFMSP	11.9±0.4	10.2±0.3	0.78 ± 0.02
Benson & Hedges Lights 100's 100FMSP		10.7±0.2	0.81 ± 0.02
Marlboro Lights 100's 100FMSP	12.0±0.3	10.9±0.1	0.86 ± 0.01
Merit 100's 100FMSP		10.1 ± 0.2	0.78±0.02
Eve Lights 120's 120FMHP	12.0 ± 0.3	13.5 ± 0.2	1.17 ± 0.02
Pall Mall Lights 100's 100FSP	12.0±0.3	10.3 ± 0.2	0.84 ± 0.02
Cambridge Lights KFMSP	12.1±0.3	11.9 ± 0.2	0.84 ± 0.02
Marlboro Lights KFSP	12.2±0.3	11.2 ± 0.2	0.83 ± 0.02
Players KFHP	12.2±0.2	11.7 ± 0.2	0.83 ± 0.02
Pall Mall Red Lights 100's 100FSP	12.2±0.4	11.1 ± 0.2	0.88 ± 0.02
Marlboro Lights 100's 100FHP	12.3±0.3	10.8 ± 0.2	0.85 ± 0.02
Lucky Strike Menthol 100's 100FMSP	12,3±0.2	11.8 ± 0.1	0.96 ± 0.02
Players KFMHP	12.3±0.2	11.9 ± 0.2	0.82 ± 0.01
Marlboro Lights 25's KFSP	12.4±0.3	11.2 ± 0.2	0.80 ± 0.02
Mariboro Lights KFHP	12.4±0.3	11.0 ± 0.2	0.82 ± 0.02
Dunbill Menthol Mild 100FMHP	12.5±0.2	10.4 ± 0.2	0.96 ± 0.02
Malibu Menthol 100's 100FMSP		11.6 ± 0.2	0.94 ± 0.02
Vantage KFMSP		10.0 ± 0.2	0.69 ± 0.01
Vantage 100s 100FSP	12.5+0.3	8.8±0.2	0.63 ± 0.02
Silva Thins Filters 100FHP	125+03	12.2±0.2	0.97 ± 0.02
Benson & Hedges KFHP		15.4±0.2	1.26±0.02
Pall Mall Red Filters KFSP		13.6±0.3	1.02 ± 0.02
		11.8±0.3	0.89 ± 0.02
Lucky Strike KFSP		9.8±0.2	0.72 ± 0.02
Salem Lights KFMSP	12 6 4 0 4	12.0±0.3	0.95±0.02
Kool Mikls 100's 100FMSP		12.3±0.2	0.85±0.02
Cambridge Lights KFSP	LL./ II U.3		0.96±0.02
Lucky Strike Filters 100's 100FSP		11.9±0.2	
Parliament Lights 100's 100FSP	12.7±0.2	12.0±0.2	0.95 ± 0.02
Vantage Menthol 100s 100FMSP	12.7±0.3	8.3±0.2	0.61±0.01 ·
Players 100's 100FMHP	12./±0.3	14.0±0.2	0.98 ± 0.02
Richland Lights (25) KFSP		11.5±0.2	0.89 ± 0.02
Lucky Strike KFHP	12.8±0.4	12.1±0.2	0.92 ± 0.02
American Lights KFSP	12.9±0.3	11.9 ± 0.2	0.91 ± 0.02
L & M KFSP	12.9±0.3	13.7±0.2	1.08±0.02
Doral Lights 100's 100FSP	12.9±0.3	11.3±0.3	0.70 ± 0.02

Brand	CO mg/cig	"Tar" mg/cig	"Nicotine" mg/cig
Players 100's 100FHP	12.9±0.3	13.9 ± 0.2	0.98 ± 0.02
Kent KFHP	12.9±0.3	11.3 ± 0.2	0.86 ± 0.02
Benson & Hedges Lights 100's 100FSP	13.0±0.3	10.7 ± 0.2	0.83 ± 0.02
Marlboro Lights 100's 100FSP	13.0±0.4	11.0 ± 0.2	0.85 ± 0.02
Raleigh Lights KFSP	13.1±0.3	11.4 ± 0.2	0.87 ± 0.02
Kool Milds KFMSP	13.1±0.3	12.3 ± 0.3	0.93 ± 0.02
Satin 100FSP	13.1±0.4	11.4 ± 0.3	0.97 ± 0.02
Viceroy Lights KFSP	13.1±0.3	11.3 ± 0.3	0.88 ± 0.02
Pall Mall Light 100's Low Tar 100FMSP	13.1±0.3	13.3 ± 0.2	1.08 ± 0.02
Century 25's Menthol Lights 100's 100FMSP	13.2±0.3	11.5 ± 0.2	0.84 ± 0.01
Winston Lights KFSP	13.2±0.3	10.7 ± 0.2	0.75 ± 0.01
Lark KFSP	13.3±0.3	14.3 ± 0.3	1.11 ± 0.03
Lark Lights KFSP	13.3 \pm 0.3	13.4 ± 0.3	1.03 ± 0.02
Chesterfield RNFSP	13.3±0.4	20.0 ± 0.5	1.30 ± 0.03
Satin 100FMSP	13.3±0.4	11.4 ± 0.3	0.97 ± 0.02
Century 25's Lights 100's 100FSP	13.4±0.3	11.9 ± 0.3	0.89 ± 0.02
Malibu 100's 100FSP	13.4±0.3	13.9 ± 0.3	1.10 ± 0.02
Winston Lights 100's 100FSP	13.4±0.3	11.4 ± 0.2	0.81 ± 0.01
Vantage KFSP	13.5±0.3	10.5 ± 0.2	0.75 ± 0.02
Richland 20's Lights KFSP	13.5±0.3	11.7 ± 0.3	0.90 ± 0.02
Malibu Filters KFSP	13.6±0.3	16.4 ± 0.3	1.18 ± 0.03
Craven "A" Filter Standard Size RFHP	13.6±0.3	18.6±0.4	1.51 ± 0.03
Doral Menthol Lights 100's 100FMSP	13.7±0.3	12.1 ± 0.3	0.73 ± 0.01
Players 25's Lights 100's 100FMSP	13.7±0.3	11.4 ± 0.2	0.81 ± 0.01
Magna Lites KFSP	13.7±0.2	9.1±0.2	0.64 ± 0.01
Virginia Slims 100FSP	13.8±0.3	15.3 ± 0.2	1.07 ± 0.02
American Lights 100's 100FSP	139+0.2	13.3±0.2	1.08 ± 0.01
American Lights 100 S 1001 St	13.9+0.3	15.1±0.3	1.06 ± 0.03
Virginia Slims 100FMSP	13.0+0.3	12.0±0.2	0.88 ± 0.02
Lark 100FSP	140+02	14.7 ± 0.2	1.22±0.02
Lark 100FSP	140±0.2	13.8±0.3	1.07±0.02
Pall Mall Red Filters 100's 100FSP	140±0.2	12.4±0.2	0.94±0.02
Richland Lights (25) 100's 100FSP	14.0±0.2	11.7±0.2	0.64±0.01
Doral Menthol Lights KFMSP	14.0±0.2	11.7 ± 0.2 11.9 ± 0.2	0.92±0.02
Viceroy Lights 100's 100FSP	14.1.TV.3	11.9±0.2 11.9±0.3	0.86±0.02
Players 25's Lights 100's 100FSP	14.1±0.4	13.9±0.3	1.12±0.02
L & M Super 100 100FSP	14.Z±0.3		1.39±0.02
Camel RNFSP	14.2±0.4	22.0±0.3	0.90±0.02
Richland 20's Lights 100's 100FSP	14.2±0.4	12.1±0.2	= :
Raleigh Lights 100's 100FSP	14.3±0.3	12.2±0.3	0,94±0.02
Kent 100s 100FMSP	14.4±0.3	14.0 ± 0.2	1.04±0.01
Kool RNFMSP	14.5±0.2	21.5±0.8	1.36±0.03
Cambridge Lights 100's 100FSP	14.5±0.4	12.0±0.2	0.87±0.02
Doral Lights KFSP	14.5±0.4	12.1±0.3	0.67±0.02
Lark Light 100's 100FSP	14.5±0.5	13.9 ± 0.3	1.15±0.03
Vicerov KFSP	14.5±0.3	15.3±0.3	0.97 ± 0.02
Cambridge Lights 100's 100FMSP	14.6 ± 0.4	11.9 ± 0.2	0.86 ± 0.01
Kent 100s 100FSP	14.7±0.4	13.6 ± 0.3	1.02 ± 0.02

Brand	CO mg/cig	"Tar" mg/cig	"Nicotine" mg/cig
Raleigh KFSP	147+0.3	15.5±0.4	0.97 ± 0.03
Saratoga 120's 120FHP	14.8±0.3	14.7±0.2	1.07 ± 0.02
Falcon Lights 100's 100FSP	14.8±0.4	12.1±0.2	0.85 ± 0.02
Saratoga 120's 120FMHP	14.8±0.4	14.7±0.3	1.07 ± 0.02
Malibu Menthol KFMSP	148+0.2	17.2 ± 0.2	1.24 ± 0.02
Magna KFSP	149+0.2	13.9±0.2	0.91 ± 0.02
*Virginia Slims Lights 120's 120FMHP	149+07	14.9 ± 0.2	1.08 ± 0.01
Camel Lights 100's 100FSP	150+03	11.4±0.2	0.81 ± 0.01
Viceroy Super Long 100's 100FSP	151+03	15.9±0.3	1.14 ± 0.02
*xtinainia Slima Lighta 120's 120EHP	152+0.3	14.8±0.2	1.09 ± 0.02
*Virginia Slims Lights 120's 120FHP	152+03	17.0±0.2	1.14 ± 0.02
Marlboro KFHP	153+05	24.2±0.5	1.65±0.04
Chesterfield KNFSP	153+02	17.1±0.3	1.18±0.01
*Marlboro KFMSP	15.4+0.2	15.6±0.3	1.01 ± 0.02
Camel Filters KFSP	15 5±0 Å	13.6±0.2	1.03±0.02
Rothmans Special Mild KFHP	15 5 ± 0.7	14.9±0.2	1.08±0.02
St. Moritz Filter 100s 100FSP		16.8±0.4	1.15±0.02
Philip Morris International 100FHP	15.0±0.4	23.8±0.6	1.87±0.04
English Ovals KNFHP	13.0±0.3	16.2±0.3	1.09 ± 0.02
Richland (25) KFMSP	15.6±0.3		1.18 ± 0.02
Richland (25) KFSP	15.8±0.2	16.6±0.2	1.13 ± 0.02 1.13 ± 0.02
Marlboro 25's KFSP	15.9±0.3	17.2±0.3	1.74±0.03
Players RNFHP	15.9±0.4	25.2±0.4	
Tareyton KFSP	15.9±0.3	14.3±0.3	0.98±0.02
Cambridge Full Flavor 100's 100FSP	16.0±0.3	17.2±0.3	1.17±0.02
Ralcigh 100's 100FSP	16.0±0.3	15.5±0.3	0.99 ± 0.02
Richland 20's KFSP	16.0±0.3	16.3 ± 0.3	1.13 ± 0.02
Cambridge Full Flavor KFSP	16.1±0.3	17.1±0.3	1.09 ± 0.01
Salem 100's 100FMSP	16.1±0.3	16.8 ± 0.3	1.19 ± 0.02
Richland 20's KFMSP	16.1 ± 0.3	16.4 ± 0.4	1.05 ± 0.02
Philip Morris Commander KNFSP	16.2±0.5	26.3 ± 0.5	1.61 ± 0.03
Philip Morris International 100FMHP	16.2±0.4	16.9 ± 0.2	1.08 ± 0.02
Craven "A" KFHP	16.3±0.4	15.8 ± 0.4	1.15 ± 0.02
Winston KFSP	16.3±0.2	17.1 ± 0.3	1.13 ± 0.02
Harley Davidson KFSP	16.3±0.4	14.1 ± 0.3	0.98 ± 0.02
Magna KFHP	16.3±0.4	14.1 ± 0.3	0.90 ± 0.01
Richland 100's (25) 100FMSP	16.3±0.4	16.0 ± 0.3	1.16 ± 0.02
Marlboro 100's Red 100FHP	16.3±0.4	16.4 ± 0.3	1.19 ± 0.02
*Benson & Hedges 100's 100FMSP	16.4±0.3	17.1 ± 0.2	1.20 ± 0.02
Kool KFMHP	16.4±0.4	16.2 ± 0.4	1.12±0.03
*Benson & Hedges 100's 100FSP	16.4±0.4	17.3 ± 0.2	1.22 ± 0.02
Newport Stripes 100FMHP	165+0.2	12.2±0.2	0.91±0.02
Newbolf Stilbes foolistill	16.5+0.7	17.1±0.2	1.14±0.02
*Alpine KFMSP	165+03	15.7±0.2	1.17 ± 0.02
Newport KFMHP Marlboro 100's 100FSP	16.5±0.3	17.1 ± 0.3	1.22 ± 0.02
Tall 120s 120FMSP	16.5+0.5	18.0 ± 0.3	1.57±0.03
Tall 120s 120FMSF		TOM MAN	

^{*}Retested brand

Brand	CO mg/cig	"Tar" mg/cig	"Nicotine" mg/cig
Lucky Strike RNFSP	16.5±0.3	24.4 ± 0.5	1.52 ± 0.02
Pall Mall 25's KNFSP	16.5±0.3	24.7 ± 0.3	1.64 ± 0.03
Newport Stripes 100FHP	16.6±0.4	12.3 ± 0.3	0.94 ± 0.02
Pall Mall KNFSP	16.6±0.4	24.9 ± 0.3	1.64 ± 0.02
Camel Filters KFHP	16.6±0.3	16.8 ± 0.2	1.06 ± 0.02
Raleigh KNFSP	16.6±0.4	23.8 ± 0.5	1.40 ± 0.03
Salem KFMSP	16.7 ± 0.3	15.9 ± 0.3	1.04 ± 0.02
Kool KFMSP	16.8±0.3	16.8 ± 0.3	1.14 ± 0.02
Tareyton 100's 100FSP	16.8±0.4	14.1 ± 0.2	1.02 ± 0.02
Marlboro 100's 100FHP	16.9±0.6	17.0 ± 0.4	1.22 ± 0.03
Winston KFHP	16.9±0.3	16.8 ± 0.3	1.06 ± 0.02
Marlboro KFSP	16.9±0.4	17.4 ± 0.2	1.17 ± 0.02
Old Gold Lights 100s 100FSP	17.0±0.3	12.3 ± 0.2	0.91 ± 0.02
Kool Super Longs 100's 100FMSP	17.0±0.3	16.7 ± 0.3	1.25 ± 0.02
Marlboro 100's Red 100FSP	17.0±0.2	16.5 ± 0.2	1.19 ± 0.02
*Benson & Hedges 100's 100FHP	17.0±0.4	17.3 ± 0.2	1.20 ± 0.03
Dunhill Menthol 100FMHP	17.0±0.4	14.2 ± 0.3	1.19 ± 0.02
Max 120s 120FMSP	17.0±0.5	17.2 ± 0.4	1.38 ± 0.03
Richland 20's Menthol 100's 100FMSP	17.1±0.3	16.7 ± 0.3	1.15 ± 0.02
Pall Mall 100's 100FSP	17.1±0.3	17.0 ± 0.3	1.28 ± 0.02
St. Moritz Menthol 100FMSP	17.1±0.4	14.9 ± 0.3	0.96 ± 0.01
*Benson & Hedges 100's 100FMHP	17.2±0.3	17.4±0.2	1.22 ± 0.01
Doral Full Flavor 100's 100FSP	17.2±0.3	14.8 ± 0.2	0.84 ± 0.01
Richland 100's (25) 100FSP	17.3±0.4	17.0 ± 0.3	1.28 ± 0.02
Richland 20's 100's 100FSP	17.3±0.4	16.6 ± 0.3	1.23 ± 0.02
Dunhill International 100FHP	17.6±0.3	15.2 ± 0.3	1.39 ± 0.03
Max 120s 120FSP	17.7±0.4	17.1 ± 0.4	1.34 ± 0.03
Herbert Tareyton KNFSP	17.8±0.4	25.1 ± 0.9	1.58±0.03
Century 25's (25) KFSP	17.8±0.3	15.3 ± 0.3	0.99 ± 0.02
Old Gold Filters KFSP	18.1±0.3	16.8 ± 0.2	1.24 ± 0.02
Newport 25's KFMSP	18.2±0.4	17.2 ± 0.2	1.28±0.02
Newport KFMSP	18.3±0.5	17.2 ± 0.4	1.26±0.02
Winston 100's 100FSP	18.6±0.3	16.9 ± 0.2	1.06 ± 0.02
Camel Filters 100's 100FSP	18.7±0.3	17.5±0.2	1.06 ± 0.01
Old Gold Straights KNFSP	18.7±0.5	26.9 ± 0.6	1.89±0.05
Spring 100's 100FMSP	19.0±0.2	19.3 ± 0.2	1.49 ± 0.03
Newport 100's 100FMHP	19.4±0.4	19.2±0.2	1.46 ± 0.02
Newport 100's 100FMSP	19.4+0.4	19.3±0.3	1.47 ± 0.03
More Lights 120s 120FMSP	19.6±0.5	12.2±0.4	0.99 ± 0.03
Doral Full Flavor KFSP	196+0.4	17.4±0.2	0.92±0.01
Old Gold Filter 100's 100FSP	196+04	19.7±0.3	1.50 ± 0.03
Manage Acts 1007MCP	10 2+0 3	19.5±0.3	1.48 ± 0.02
Newport 25's 100FMSP	· 20.2+0.5	12.9±0.2	0.98±0.01
More Lights 120s 120FSP	20.2 ± 0.7	20.4±0.3	1.64±0.03
Tall 120s 120FSP Century 25's 100's 100FSP	20.0+0.5	17.5±0.3	1.13 ± 0.02
Century 25's 100's 100FSF		1,50-0.0	the order one reads

^{*}Retested brand

Brand	CO mg/cig	"Tar" mg/cig	"Nicotine" mg/cig
More 120s 120FSP	21.5±0.4	16.5±0.4	1.19±0.02
More 120s 120FMSP		16.6±0.3 19.4±0.4	1.28±0.03 1.34±0.02

Appendix C -- Butt Lengths

PM3000763002

Butt Lengths

Brand	Length - mm
Alpine KFMSP	27 28 29
American Lights KFSPS	32 33 34
American Lights 100's 100PSP	34 35
Belair KFMSP	25 26
Belair 100's 100FMSP	38 30 40
Benson & Hedges KFHP	
Benson & Hedges 100's 100FHP	35 36
Benson & Hedges 100's 100FMHP	35 36
Benson & Hedges 100's 100FSP	34.35.36
Benson & Hedges 100's 100FMSP	
Benson & Hedges Deluxe Ultra Lights 100's 100FHP	38 39.40
Benson & Hedges Deluxe Ultra Lights 100's 100FMHP	
Benson & Hedges Lights 100's 100FSP	38.39.40
Benson & Hedges Lights 100's 100FMSP	38 39 40
Benson & Hedges Multifilter KFSP	32 33 34
Bright 100s 100FMSP	38
Cambridge Full Flavor KFSP	28
Cambridge Full Flavor 100's 100FSP	38 30 An
Cambridge Lights KFSP	
Cambridge Lights KFMSP	33 34
Cambridge Lights 100's 100FSP	32 30 AA
Cambridge Lights 100's 100FMSP	32 30 40
Cambridge Ultra Low Tar 100's 100FSP	
Camel RNFSP	73
Camel Filters KFHP	
Camel Filters KFSP	
Camel Filters 100's 100FSP	34 35 36
Camel Lights KFHP	70 3A 31
Camel Lights KFSP	22 21 25
Camel Lights 100's 100FSP	37 38
Capri 100FHP	35 36
Capri 100FMHP	25 26
Carlton KFHP	
Carlton KFSP	
Carlton KFMSP	
Carlton 100's 100FHP	
Carlton 100's 100FMHP	
Carlton 100's 100FMSP	
Carlton 120's 120FSP	
Carlton 120's 120FMSP	
Century 25's (25) KFSP	
Century 25's 100's 100FSP	57,38,39
Century 25's Lights (25) KFSP	
Century 25's Lgts 100's 100FSP	
Century 25's Menthol Lights 100's	
Chesterfield RNFSP	43

Butt Lengths

Brand	Length - mm
Chesterfield KNFSP	23
Doral Fuli Flavor KFSP	27,27.5,28
Doral Full Flavor 100's 100FSP	38,39
Doral Lights KFSP	33,33.5,34,34,5,35
Doral Menthol Lights KFMSP	34.34.5.35
Doral Lights 100's 100FSP	37.38.39
Doral Menthol Lights 100's 100FMSP	36.37.37.5.38.38.5.39,40
Doral Ultra Lights 100's 100FSP	37.38
English Ovals KNFHP	23
Eve Slim Lights 100's 100FHP	37.38.39
Eve Slim Lights 100's 100FMHP	37 38 39
Eve Lights 120's 120FHP	37 38 38 5 39
EVE LIGHTS 120 S 120 FT	37 38 30
Eve Lights 120's 120FMHP	34 34 5 35 36
Falcon Lights KFSP	J7,J7,J,JJ,J0 - 24.24.5.25.26
Falcon Lights KFMSP	34,34.3,33,30
Falcon Lights 100's 100FSP	38,39,40
Falcon Lights 100's 100FMSP	38,39
Harley Davidson KFSP	28,28.5,29
Herbert Tareyton KNFSP	23
Kent Golden Lights KFHP	32,32,5,33,33.5,34
Kent Golden Lights KFSP	34,34.5,35,35.5,36
Kent Golden Lights KFMSP	34,35,36
Kent Golden Lights 100s 100FHP	35,36,37
Kent Golden Lights 100s 100FSP	36,37,38
Kent Golden Lights 100s 100FMSP	34,35,36,37,38
Kent KFHP	27,28,29
Kent KFSP	28,28.5,29,30
Kent 100s 100FSP	36,37
Kent 100s 100FMSP.	36,37,38
Kent III KFSP	34,35
Kent III 100s 100FHP	36,37,38,39
Kent III 100s 100FSP	35.36.37.37.5.38
Kool RNFMSP	23
Kool KFMHP	26.27
K 1773 COD	29.30
Kool KFMSP	25.26
Kool Super Longs 100's 100FMSP	32 34 35
Kool Lights KFMSP	20 20
Kool Lights 100's 100FMSP	20,27 29 26 26
Kool Milds KFMHP	24.25
Kool Milds KFMSP	34,33
Kool Milds 100's 100FMSP	39,40
Kool Ultra KFMSP	34,33 20.40
Kool Ultra 100's 100FMSP	39,40
L & M KFSP	33,33.5,34
L & M Super 100 100FSP	37,38
L & M Long Lights 100FSP	36,37,38,39,40
L & M 30's Lights 100's 100FSP	36,37,38,39,40

Butt Lengths

Brand	Length - mm
Lark KFSP	32,33,33.5,34
Lark 100FSP	39,40
Lark Lights KFSP	32,33,34
Lark Light 100's 100FSP	37,38,39
Lucky Strike RNFSP	23
Lucky Strike KFHP.	31,32,33,34,35
Lucky Strike KFSP	32,33,34
Lucky Strike Filters 100's 100FSP	34,35,36
Lucky Strike Menthol 100's 100FMSP	34,35,36
Lucky Strike Lights KFSP	32,33,33.5,34
Lucky Strike Lights 100's 100FSP	34,35,36
Magna KFHP	26,26.5
Magna KFSP	27,28,29
Magna Lites KFSP	33,34,35,36
Malibu Filters KFSP	26.5,27
Malibu Menthol KFMSP	26,26.5,27
Malibu 100's 100FSP	34,35,35.5,36,38
Malibu Menthol 100's 100FMSP	35,36
Malibu Lights KFSP	33
Malibu Lights 100's 100FSP	33,34,35,37
Marlboro KFHP	26,27
Marlboro KFSP	28,29
Marlboro KFMSP	27,28,29
Mariboro 100's 100FHP	34,35
Marlboro 100's 100FSP	34,35
Marlboro 25's KFSP	27,27.5,28,28.5,29
Marlboro Lights KFHP	33.5,34,34.5
Marlboro Lights KFMHP	33,34,35
Marlboro Lights KFSP	33,34,35
Marlboro Lights KFMSP	33,34,35
Marlboro Lights 100's 100FHP	38.39.40
Marlboro Lights 100's 100FHMP	38,39,40
Mariboro Lights 100's 100FSP	38.39.40
Marlboro Lights 100's 100FMSP	38.39.40
Marlboro Lights 25's KFSP	33.34.35
Marlboro 100's Red 100FHP	34.35
Marlboro 100's Red 100FSP	34.35.36
Max 120s 120FSP	37.38.39
Max 120s 120FMSP	37.38.39.40
Merit KFHP	34.35.35.5.36
Merit KFSP	34.34.5.35.35.5.36
Merit KFMSP	35.36
Merit 100's 100FSP	35.36
Merit 100's 100FMSP	38.39.40.41
Merit Ultra Lights KFSP	34 35.35.5.36.36.5
Merit Ultra Lights KFMSP	34 35 36
Merit Lites Lights ACMOC 100ESD	38 38 5.39.39.5
Merit Ultra Lights 100's 100FSP	and the second second

Butt Lengths

Brand	Length - mm
Merit Ultra Lights 100's 100FMSP	30 40
More 120s 120FSP	41 41 5 42
More 120s 120FMSP	
More Lights 100s 100FHP	
More Lights 100s 100FMHP	
More Lights 120s 120FSP	
More Lights 120s 120FMSP	
Newport KFMHP	
Newport KFMSP	
Newport 100's 100FMHP	
Newport 100's 100FMSP	
Newport 25's KFMSP	
Newport 25's 100FMSP	
Newport Lights KFMHP	
Newport Lights KFMSP	34,35,36
Newport Lights 100's 100FMHP	
Newport Lights 100's 100FMSP	35,36,37,38,39
Newport Stripes 100FHP	35,36,36.5,37
Newport Stripes 100FMHP	
Newport Stripes Slim Lights 100FMHP	
Now KFHP	
Now KFSP	
Now KFMSP	33.34.34.5.35
Now 100s 100FHP	
Now 100s 100FSP	
Now 100s 100FMSP	
Old Gold Straights KNFSP	
Old Gold Filters KFSP	
Old Gold Filter 100's 100FSP	
Old Gold Lights KFSP	
Old Gold Lights 100s 100FSP	
Pall Mall KNFSP	
Pall Mall 25's KNFSP	
Pall Mall 100's 100FSP	
Pall Mall Lights 100's 100FSP	36,37,38,39
Pall Mall Light 100's Low Tar 100FMSP	34,35,36
Pall Mall Red Filters KFSP	
Pall Mall Red Filters 100's 100FSP	35,36
Pall Mall Red Lights KFSP	32.32.5.33.33.5
Pall Mall Red Lights 100's 100FSP	
Parliament Lights KFHP	
Parliament Lights KFSP	
Parliament Lights 100's 100FSP	
Philip Morris Commander KNFSP	
Philip Morris International 100FHP	
Philip Morris International 100FMHP	
Players RNFHP	

Butt Lengths

Brand	Length - mm
Players KFHP	34 35 36
Players KFMHP	
Players 100's 100FHP	
Players 100's 100FMHP	38 30 AN
Players Lights 25's KFSP	22 22 5 24 24 5
Players Lights 25's KFMSP	33,33,3,34,34,3, 22 5 24 24 5
Players 25's Lights 100's 100FSP	28 28 5 20 20 5
Players 25's Lights 100's 100FMSP	29 5 20 40
Raleigh KNFSP	
Raleigh KFSP	20.30
Raleigh 100's 100FSP	
Raleigh Lights KFSP	33,30 22 24 25 26
Raleigh Lights 100's 100FSP	20.40
Richland 20's KFSP	29.30
Richland 20's KFMSP	20.20
Richland 20's 100's 100FSP	25 26
Richland 20's Menthol 100's 100FMSP	35 35
Richland 20's Lights KFSP	
Richland 20's Lights 100's 100FSP	20.40
Richland (25) KFSP	39, 40
Richland (25) KFMSP	47,3U 24.24.5.25
Richland 100's (25) 100FSP	34,34,3,3,3 25,26
Richland 100's (25) 100FMSP	33,30 25.26
Richland Lights (25) KFSP	
Richland Lights (25) 100's 100FSP	37,40 27,529,29,520
Ritz 100 100FHP	
Ritz 100 100FMHP	
Salem KFMSP	41.3,48
Salem 100's 100FMSP	
Salem Lights KFMSP	
Salem Lights 100's 100FMHP	
Salem Lights 100's 100FMSP	37,37.5,38
Salem Slim Lights 100's 100FMHP	36,37,37.5,38,39
Salem Ultra Lights KFMSP	
Salem Ultra Lights 100's 100FMSP	
Saratoga 120's 120FHP	
Saratoga 120's 120FMHP	
Satin 100FSP	34,35,36,37
Satin 100FMSP	
Silva Thins Filters 100FHP	
Silva Thins Menthol 100FMHP	
Silva Thins 100FSP	34,35,35.5,36
Silva Thins Menthol 100FMSP	
Spring 100's 100FMSP	
Tall 120s 120FSP	
Tall 120s 120FMSP	
Tareyton KFSP	26,26.5,27,28

Butt Lengths

Brand	Length - mm	
Tareyton 100's 100FSP	33 34 34 5 35 35 5 36 37	
Tareyton Lights KFSP	34 34 5 35 35 5 36	
Tareyton Long Lights 100FSP	34 34 5 35 35 5 36 37	
Triumph KFSP	34 34 5 35 35 5 36	
Triumph KFMSP	34 35 36	
Triumph 100s 100FSP	36.36.5.37.38.38.5	
Triumph 100s 100FMSP	35 36 36 5 37 38 38 5	
True KFSP	32.32.5.33.34	
True KFMSP	32.32.5.33.34.5.35	
True 100's 100FSP	36.36.5.37	
True 100's 100FMSP	35.35.5.36.36.5.37.37.5	
Vantage KFSP	32.32.5.33.34	
Vantage KFMSP	32.5.33	
Vantage 100s 100FSP	35.5.36.37.37.5.38	
Vantage Menthol 100s 100FMSP	37,37,5,38,38,5	
Vantage Ultra Lights KFSP	34.34.5	
Vantage Ultra Lights 100s 100FSP	37.37.5.38.38.5	
Viceroy KFSP	29,30	
Viceroy Super Long 100's 100FSP		
Viceroy Lights KFSP		
Viceroy Lights 100's 100FSP	39,40	
Virginia Slims 100FSP	34,34.5,35	
Virginia Slims 100FMSP	34.5,35	
Virginia Slims Lights 100FHP	39,39.5,40	
Virginia Slims Lights 100FMHP	38,38.5,39,39.5	
Virginia Slims Lights 120's 120FHP	38,39,40	
Virginia Slims Lights 120's 120FMHP	38,39,40	
Winston KFHP	25,26	
Winston KFSP	27,28,29	
Winston 100's 100FSP		
Winston Lights KFHP	29.5,30,30.5,31	
Winston Lights KFSP	33,33.5,34,34.5,35	
Winston Lights 100's 100FHP	37.5,38	
Winston Lights 100's 100FSP	37.5,38,38.5	
Winston Ultra Lights KFSP	33.5,34,35	
Winston Ultra Lights 100's 100FSP	37.5,38,38.5	
Craven "A" KFHP	24	
Craven "A" Filter Standard Size RFHP		
Dunhill International 100FHP.	30.5,31	
Dunhill Menthol 100FMHP	30.5,31	
Dunhill Menthol Mild 100FMHP	31,32	
Dunhill International Superior Mild 100FHP		
Rothmans KFHP	23.5,24	
Rothmans Special Mild KFHP	26.5,27	
St. Moritz Filter 100s 100FSP	35,35.5,36	
St. Moritz Menthol 100FMSP	35,35.5	